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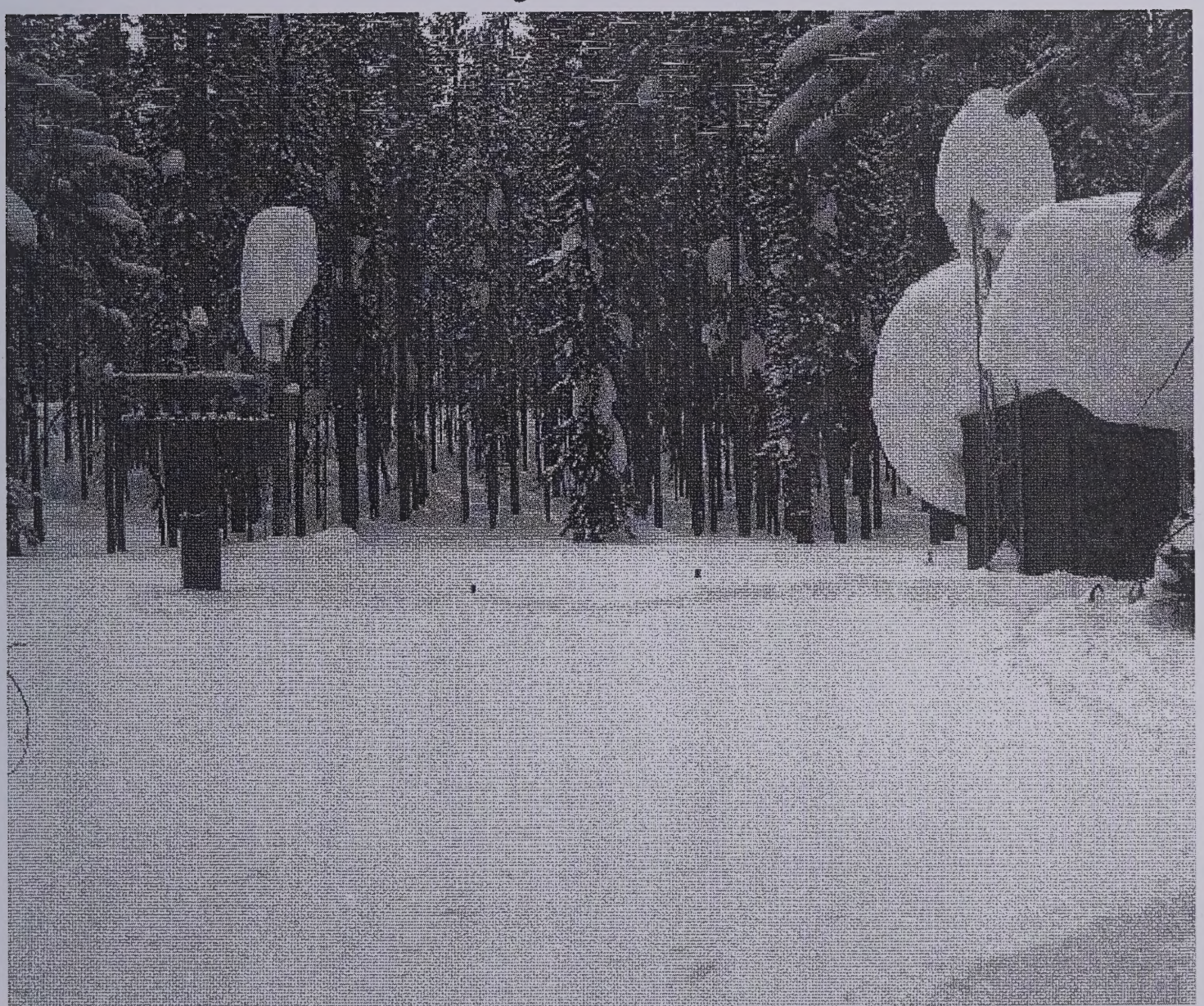
USDA United States Department of Agriculture

Natural Resources Conservation Service

Montana Water Supply Outlook Report January 1, 2011



Picture: Madison Plateau SNOTEL Site near West Yellowstone

Water Supply Outlook Report
and
Federal - State - Private
Cooperative Snow Surveys

For more water supply and resource management information, contact:

Water Supply Specialist
Federal Building
10 East Babcock, Room 443
Bozeman, MT 59715
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Phone 406-587-6991

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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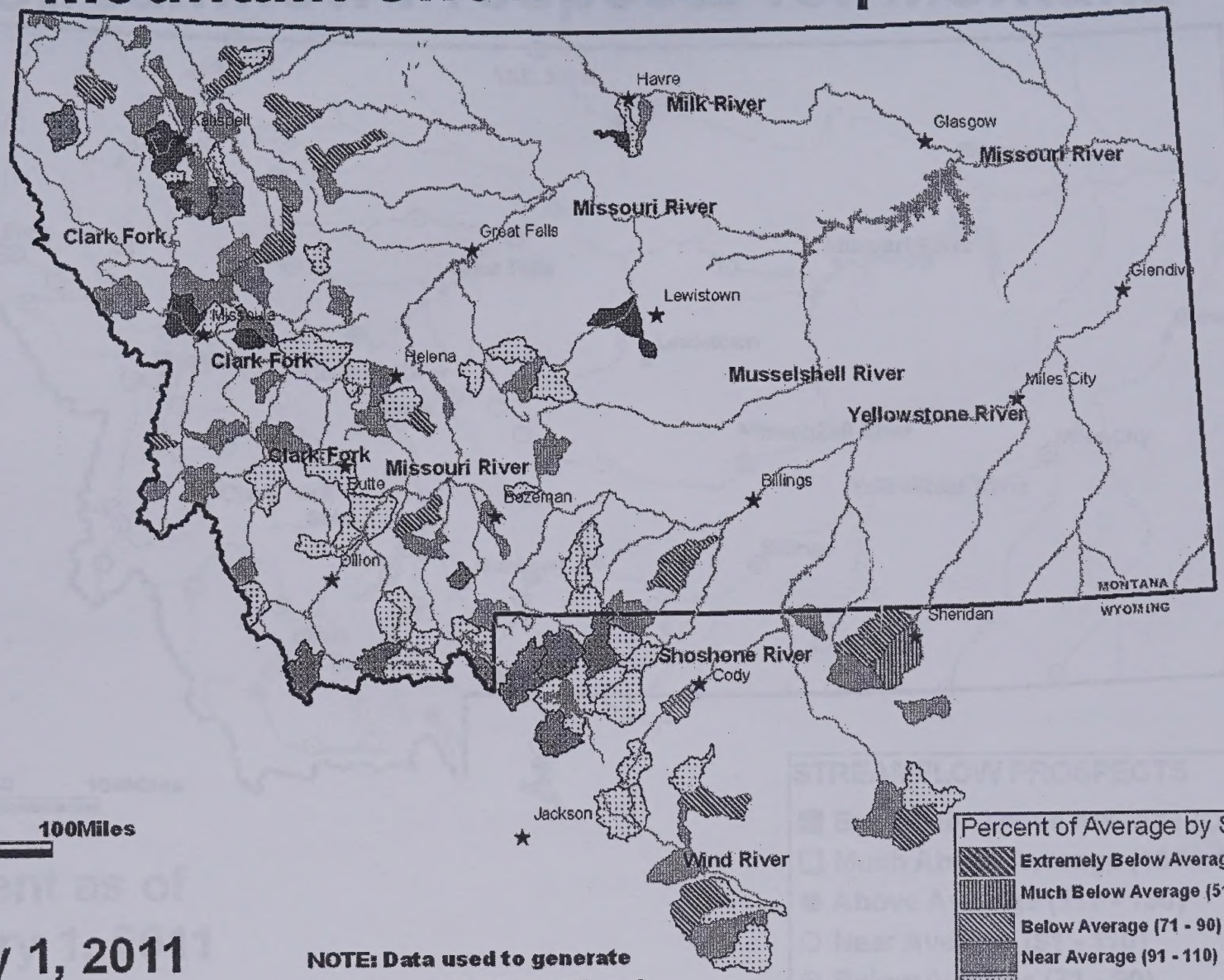
Mountain Snow Water Equivalent

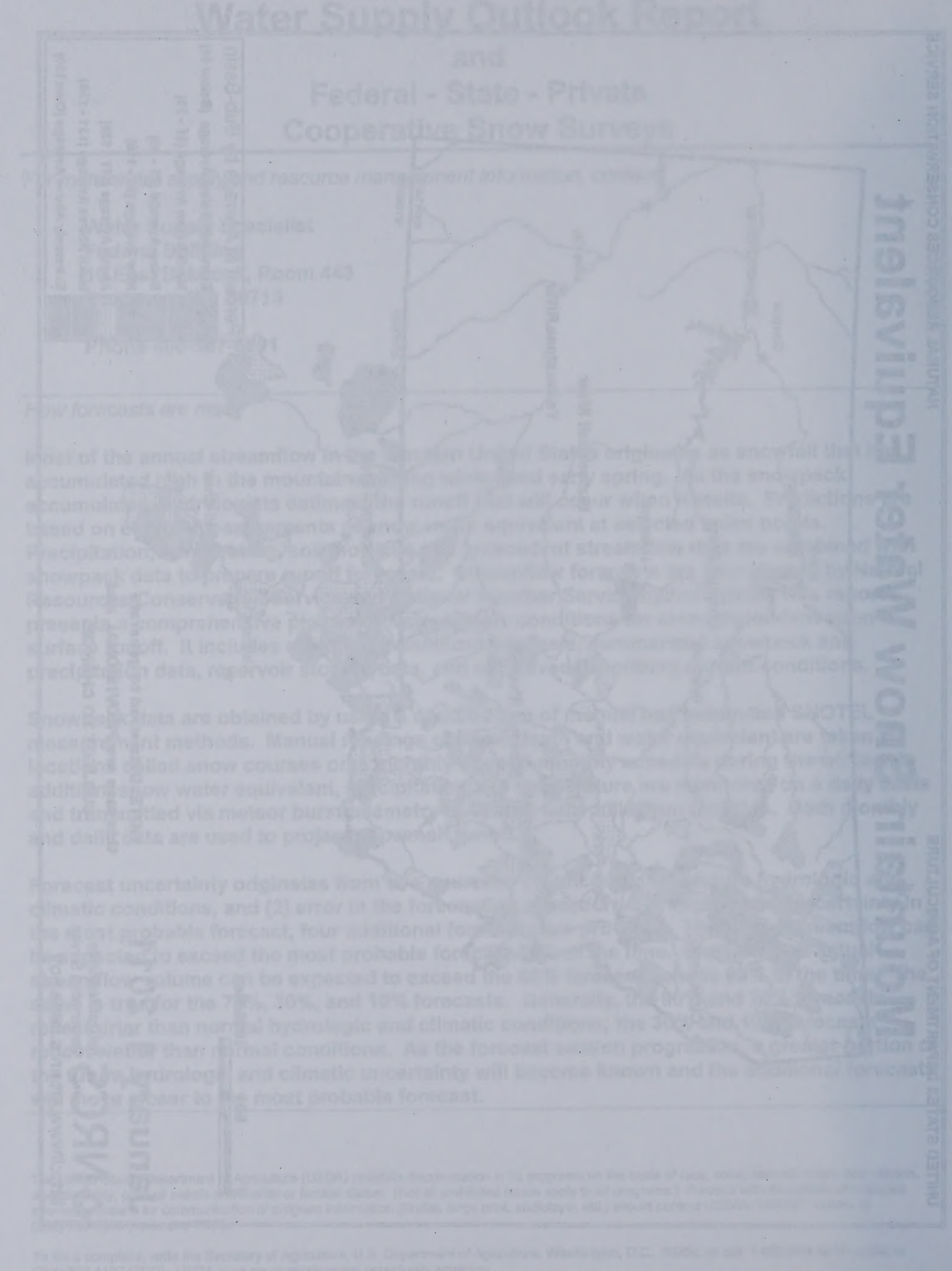


January 1, 2011

NRCS Natural Resources Conservation Service

http://www.mt.nrcs.usda.gov

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.



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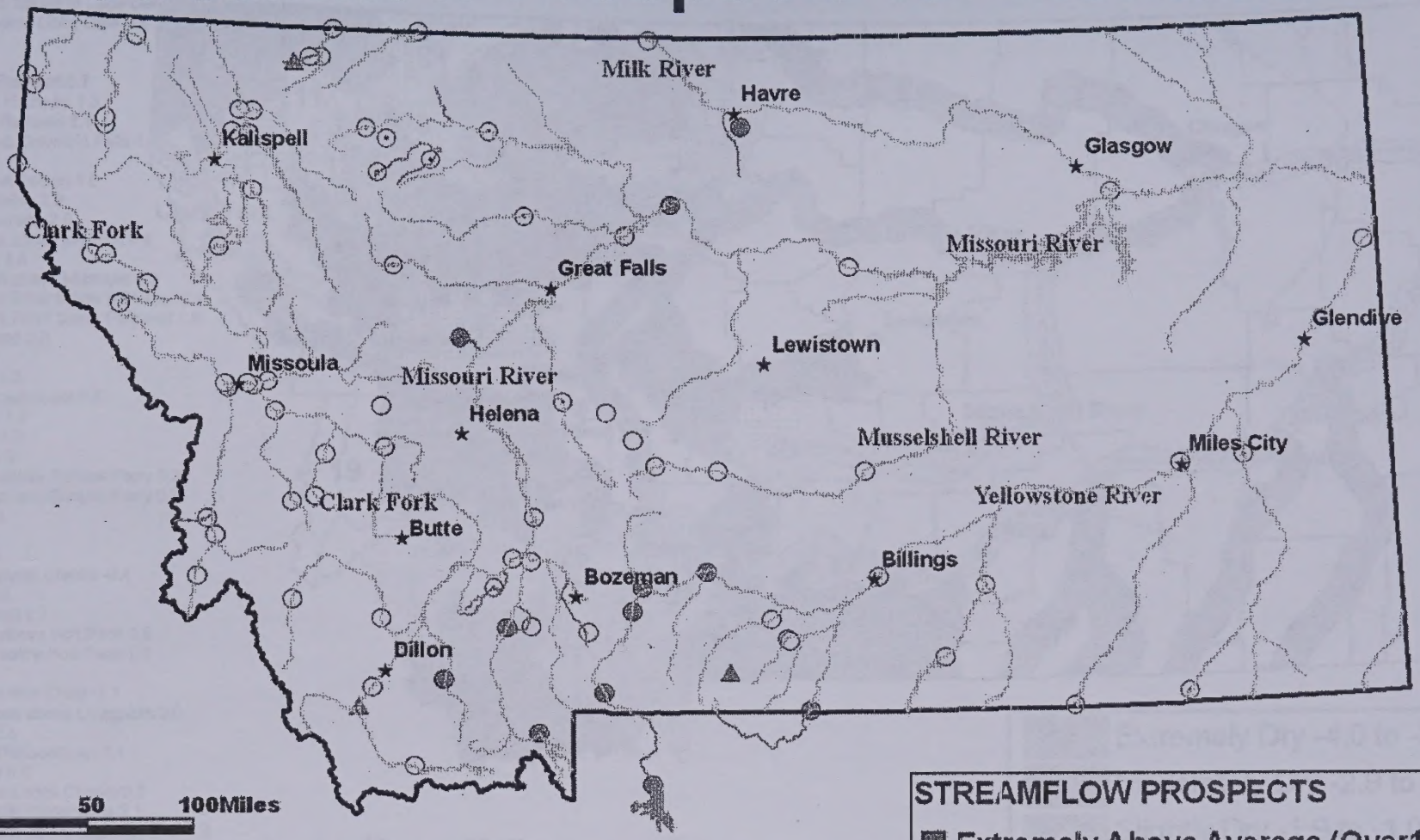
Streamflow Prospects for Montana



Current as of January 1, 2011

NRCS Natural Resources Conservation Service

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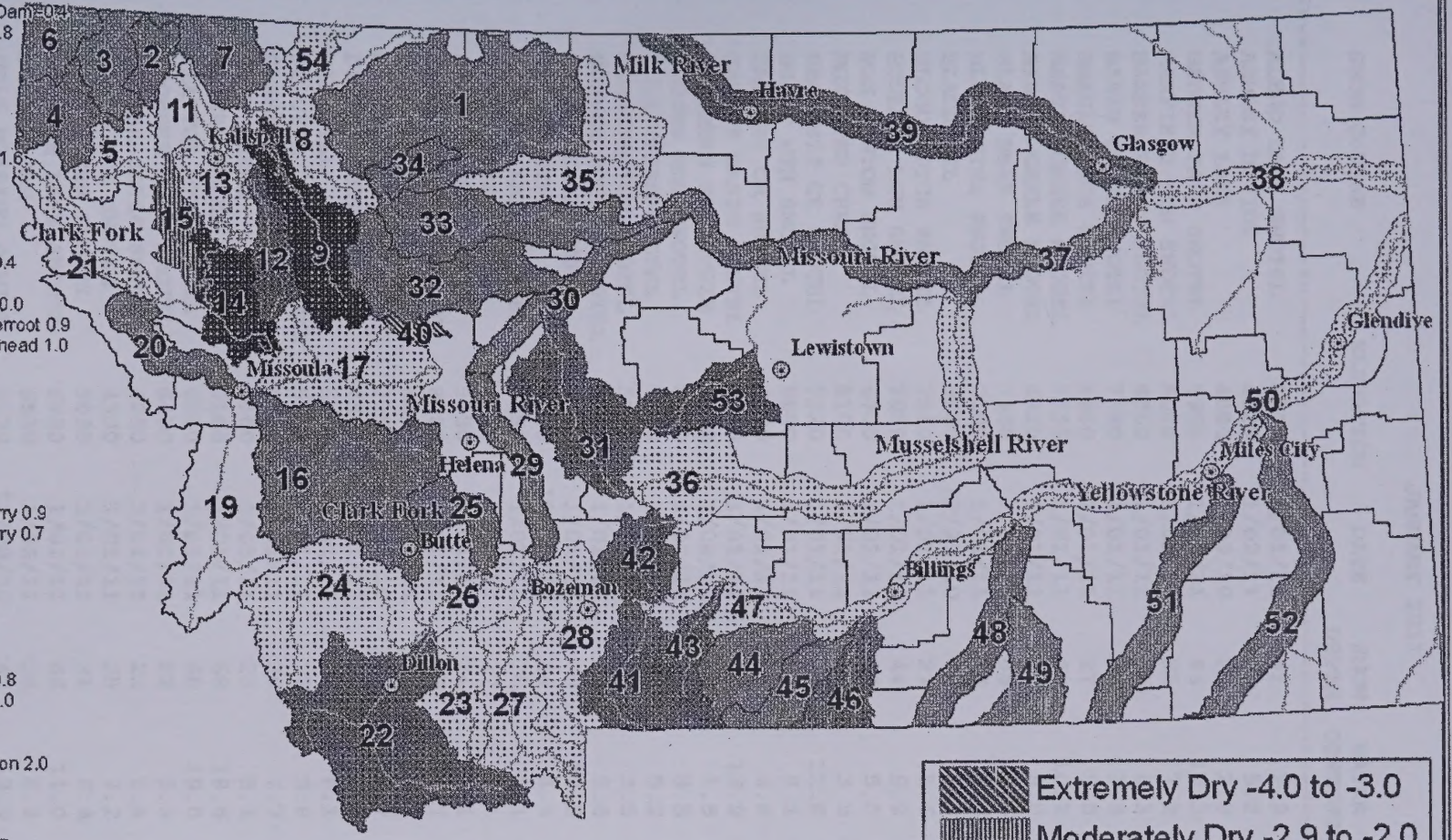
STREAMFLOW PROSPECTS

- Extremely Above Average (Over150)
- Much Above Average (131 - 150)
- Above Average (111 - 130)
- Near Average (91 - 110)
- Below Average (71 - 90)
- Much Below Average (51 - 70)
- Extremely Below Average (Below 51)

Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE



RIVER INDEX & SWSI VALUES

1 Marias above Tiber Reservoir -0.3
2 Tobacco 0.3
3 Kootenai Ft. Steele to Libby Dam 0.4
4 Kootenai below Libby Dam 0.8
5 Fisher 1.1
6 Yaak 0.0
7 North FK. Flathead 0.7
8 Middle FK. Flathead 1.3
9 South FK. Flathead 3.1
10 Flathead at Columbia Falls 1.6
12 Swan 2.3
13 Flathead at Polson 1.0
14 Mission Valley 3.2
15 Little Bitterroot -2.0
16 Clark Fork above Milltown 0.4
17 Blackfoot 1.8
18 Clark Fork above Missoula 0.0
20 Clark Fork River below Bitterroot 0.9
21 Clark Fork River below Flathead 1.0
22 Beaverhead 2.0
23 Ruby 1.8
24 Big Hole 1.2
25 Boulder (Jefferson) 0.5
26 Jefferson 1.9
27 Madison 1.3
28 Gallatin 1.0
29 Missouri above Canyon Ferry 0.9
30 Missouri below Canyon Ferry 0.7
31 Smith 2.3
32 Sun -0.8
33 Teton 0.4
34 Birch/Dupuyer Creeks -0.4
35 Marias 1.3
36 Musselshell 1.7
37 Missouri above Fort Peck 0.8
38 Missouri below Fort Peck 1.0
39 Milk 2.0
40 Dearborn near Craig -1.1
41 Yellowstone above Livingston 2.0
42 Shields 2.4
43 Boulder (Yellowstone) 2.1
44 Stillwater 0.6
45 Rock/Red Lodge Creeks 0.7
46 Clarks Fork Yellowstone 2.1
47 Yellowstone above Bighorn River 1.8
48 Bighorn below Bighorn Lake 0.5
49 Little Bighorn -0.5
50 Yellowstone below Bighorn 1.2
51 Tongue -0.6
52 Powder -0.3
53 Upper Judith 2.7
54 Saint Mary 1.2

0 45 90 Miles

Current as of January 1, 2011

- Extremely Dry -4.0 to -3.0
- Moderately Dry -2.9 to -2.0
- Slightly Dry -1.9 to -1.0
- Near Average -0.9 to 0.9
- Sightly Wet 1.0 to 1.9
- Moderately Wet 2.0 to 2.9
- Extremely Wet 3.0 to 4.0
- SWSI Not Applicable

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

NRCS Natural Resources Conservation Service

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SNOW COURSE AND SNOTEL SITE DATA

JANUARY 2011

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ALBRO LAKE SNOTEL	8300	1/01/11	41	7.9	9.9	9.6
ASHLEY DIVIDE	4820	1/02/11	29	5.2	.8	3.4
ASHLEY LAKE	4000	12/29/10	25	2.8	.9	2.6
BADGER PASS SNOTEL	6900	1/01/11	46	12.3	15.8	15.2
BANFIELD MTN SNOTEL	5600	1/01/11	32	7.2	5.5	9.0
BARKER LAKES SNOTEL	8250	1/01/11	31	6.3	9.5	6.7
BASIN CREEK SNOTEL	7180	1/01/11	20	3.9	3.6	3.7
BEAGLE SPGS SNOTEL	8850	1/01/11	27	5.5	5.7	3.7
BEAVER CREEK SNOTEL	7850	1/01/11	42	10.1	5.0	7.9
BISSON CREEK SNOTEL	4920	1/01/11	31	8.0	4.0	4.5
BLACK BEAR SNOTEL	7950	1/01/11	86	22.6	12.6	17.2
BLACK PINE SNOTEL	7100	1/01/11	26	5.6	3.4	5.2
BLACKTAIL	5650	12/29/10	40	8.8	3.4	6.8
BLOODY DICK SNOTEL	7550	1/01/11	27	5.6	3.2	5.6
BOULDER MTN SNOTEL	7950	1/01/11	44	9.9	9.8	9.1
BOX CANYON SNOTEL	6700	1/01/11	24	5.5	2.5	4.5
BOXELDER CREEK	5100	1/01/11	---	3.5	1.0	3.4
BRACKETT CR SNOTEL	7320	1/01/11	44	11.0	7.5	8.9
BURNT MTN SNOTEL	5880	1/01/11	13	3.1	2.4	2.7
CALVERT CR SNOTEL	6430	1/01/11	26	4.8	2.1	3.9
CARROT BASIN SNOTEL	9000	1/01/11	57	13.9	9.9	13.1
CHESSMAN RESERVOIR	6200	1/04/11	---	1.5	1.5	1.5
CLOVER MDW SNOTEL	8800	1/01/11	36	8.5	6.2	8.1
COLE CREEK SNOTEL	7850	1/01/11	23	5.2	7.9	7.5
COMBINATION SNOTEL	5600	1/01/11	14	2.5	1.7	2.2
COPPER BOTTOM SNOTEL	5200	1/01/11	30	5.6	3.2	5.3
COPPER CAMP SNOTEL	6950	1/01/11	78	23.3	16.0	--
COYOTE HILL	4200	12/30/10	24	4.6	2.1	4.3
CRYSTAL LAKE SNOTEL	6050	1/01/11	38	9.1	9.8	5.4
DAISY PEAK SNOTEL	7600	1/01/11	27	5.1	6.3	4.7
DALY CREEK SNOTEL	5780	1/01/11	24	5.1	3.6	4.9
DARKHORSE LK. SNOTEL	8700	1/01/11	53	13.7	11.1	13.9
DEADMAN CR SNOTEL	6450	1/01/11	27	5.7	5.2	4.6
DISCOVERY BASIN	7050	12/30/10	24	4.7	2.2	4.2
DIVIDE SNOTEL	7800	1/01/11	32	6.7	2.5	4.8
DIX HILL	6400	1/01/11	26	6.1	2.9	4.5
DUPUYER CREEK SNOTEL	5750	1/01/11	17	3.8	3.3	4.4
EMERY CREEK SNOTEL	4350	1/01/11	30	7.7	6.1	7.0
FISH CREEK	8000	1/05/11	23	5.1	4.8	4.4
FISHER CREEK SNOTEL	9100	1/01/11	68	18.6	13.0	16.3
FLATTOP MTN SNOTEL	6300	1/01/11	68	19.0	21.0	21.4
FROHNER MDWS SNOTEL	6480	1/01/11	22	3.9	3.0	3.4
GARVER CREEK SNOTEL	4250	1/01/11	23	5.4	4.7	5.2
GRAVE CRK SNOTEL	4300	1/01/11	25	7.2	6.7	7.7
HAND CREEK SNOTEL	5030	1/01/11	31	6.4	4.0	5.9
HAWKINS LAKE SNOTEL	6450	1/01/11	46	11.0	10.0	12.4
HEBGEN DAM	6550	1/05/11	34	5.2	2.2	5.1
HELL ROARING DIVIDE	5770	12/28/10	47	13.9	11.2	13.4
HOLBROOK	4530	1/01/11	21	3.0	1.4	4.2
HOODOO BASIN SNOTEL	6050	1/01/11	74	17.5	10.8	19.3
JOHNSON PARK	6450	12/29/10	19	3.4	2.6	2.8
KRAFT CREEK SNOTEL	4750	1/01/11	33	7.1	4.4	6.9
LAKEVIEW RDG. SNOTEL	7400	1/01/11	33	6.1	1.6	5.1
LEMHI RIDGE SNOTEL	8100	1/01/11	25	5.5	4.6	4.7
LICK CREEK SNOTEL	6860	1/01/11	22	4.9	4.0	5.3
LONE MOUNTAIN SNOTEL	8880	1/01/11	45	10.8	6.9	7.9
LOWER TWIN SNOTEL	7900	1/01/11	37	8.7	8.3	8.8
LUBRECHT SNOTEL	4680	1/01/11	18	3.5	1.9	2.6
LUBRECHT FOREST NO 3	5450	12/30/10	21	3.8	1.0	2.7

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
LUBRECHT FOREST NO 4	4650	12/30/10	15	2.7	.8	1.4
MADISON PLT SNOTEL	7750	1/01/11	60	14.6	8.0	11.2
MANY GLACIER SNOTEL	4900	1/01/11	26	7.8	6.0	7.0
MARIAS PASS	5250	12/31/10	34	7.7	4.3	7.3
MONUMENT PK SNOTEL	8850	1/01/11	49	12.2	8.5	9.9
MOSS PEAK SNOTEL	6780	1/01/11	90	24.9	17.3	16.8
MOULTON RESERVOIR	6850	1/05/11	22	4.4	2.0	3.5
MT LOCKHART SNOTEL	6400	1/01/11	35	9.4	8.1	9.5
MULE CREEK SNOTEL	8300	1/01/11	36	7.8	6.4	6.9
N.E. ENTRANCE SNOTEL	7350	1/01/11	25	5.9	2.5	5.0
NEVADA RIDGE SNOTEL	7020	1/01/11	36	7.6	5.9	6.8
NEZ PERCE CMP SNOTEL	5650	1/01/11	28	6.0	4.0	6.1
N.F. ELK CR SNOTEL	6250	1/01/11	27	6.3	3.2	5.1
NF JOCKO SNOTEL	6330	1/01/11	73	19.9	15.1	19.4
NOISY BASIN SNOTEL	6040	1/01/11	88	28.1	17.0	19.8
OPHIR PARK	7150	1/01/11	33	7.6	6.0	6.6
PETERSON MDW SNOTEL	7200	1/01/11	23	4.2	4.2	4.4
PICKFOOT CRK SNOTEL	6650	1/01/11	35	6.0	4.6	5.2
PIKE CREEK SNOTEL	5930	1/01/11	33	8.7	7.1	12.0
PIPESTONE PASS	7200	12/28/10	13	2.1	1.5	2.2
PLACER BASIN SNOTEL	8830	1/01/11	39	10.2	8.4	8.7
POORMAN CR SNOTEL	5100	1/01/11	72	19.3	10.5	13.4
PORCUPINE SNOTEL	6500	1/01/11	19	3.8	2.0	2.8
ROCKER PEAK SNOTEL	8000	1/01/11	30	6.9	6.1	6.4
ROCKY BOY SNOTEL	4700	1/01/11	17	2.5	1.5	2.2
SACAJAWEA SNOTEL	6550	1/01/11	32	7.0	4.5	5.1
SADDLE MTN SNOTEL	7900	1/01/11	52	12.7	7.0	11.7
S.F. SHIELDS SNOTEL	8100	1/01/11	32	7.5	7.2	7.5
SHORT CREEK SNOTEL	7000	1/01/11	22	3.8	1.9	2.9
SHOWER FALLS SNOTEL	8100	1/01/11	42	10.9	9.9	10.1
SKALKAHO SNOTEL	7260	1/01/11	41	9.9	6.0	10.3
SLEEPING WOMAN SNTL	6150	1/01/11	39	8.4	4.1	6.9
SPOTTED BEAR MTN.	7000	1/03/11	29	6.8	4.9	6.9
SPUR PARK SNOTEL	8100	1/01/11	40	10.5	9.9	10.0
STAHL PEAK SNOTEL	6030	1/01/11	64	19.8	15.6	17.1
STORM LAKE	7780	12/30/10	28	5.0	4.4	5.5
STUART MOUNTAIN SNTL	7400	1/01/11	75	18.4	10.1	15.1
TAYLOR ROAD	4080	1/03/11	24	4.1	1.0	1.8
TEN MILE LOWER	6600	1/04/11	---	3.1E	3.2	3.0
TEN MILE MIDDLE	6800	1/04/11	---	4.7E	4.9	4.6
TEPEE CREEK SNOTEL	8000	1/01/11	36	7.6	4.2	6.0
TIZER BASIN SNOTEL	6840	1/01/11	24	4.2	5.3	4.8
TRINKUS LAKE	6100	1/01/11	---	19.2E	16.0	19.4
TRUMAN CREEK	4060	1/02/11	22	4.1	.5	2.0
TV MOUNTAIN	6800	1/03/11	48	11.9	4.7	7.7
TWELVEMILE SNOTEL	5600	1/01/11	30	6.1	4.7	7.5
TWENTY-ONE MILE	7150	12/28/10	33	7.6	2.8	7.3
TWIN LAKES SNOTEL	6400	1/01/11	58	15.0	10.0	17.5
UPPER HOLLAND LAKE	6200	1/03/11	54	15.1	8.0	15.2
WALDRON SNOTEL	5600	1/01/11	20	5.1	4.1	5.2
WARM SPRINGS SNOTEL	7800	1/01/11	40	9.7	8.6	9.4
WEST YELL'ST SNOTEL	6700	1/01/11	37	7.3	3.1	5.9
WHISKEY CREEK SNOTEL	6800	1/01/11	46	10.1	4.3	7.5
WHITE MILL SNOTEL	8700	1/01/11	52	13.1	9.2	11.1
WOOD CREEK SNOTEL	5960	1/01/11	23	5.0	2.8	4.2

Montana Water Supply Outlook Report as of January 1, 2011

November and December precipitation has lead to January 1 mountain snowpack to be above average and streamflow prospects for the spring and summer to be near average. State-wide mountain snowpack was above average and above last year. The snow water content on January 1 represents about 45 percent of the seasonal snowfall, so more than half of the snowfall season remains. Mountain precipitation for December in the Columbia was 110 percent of average; Missouri was 109 percent of average; and Yellowstone was 116 percent of average.

Snowpack

Mountain snow water content state-wide was 112 percent of average and 146 percent of last year. West of the Continental Divide, mountain snow water content was 106 percent of average and 142 percent of last year and east of the Continental Divide, was 112 percent of average and 139 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	106	142
KOOTENAI	101	129
FLATHEAD	111	144
UPPER CLARK FORK	110	141
BITTERROOT	94	153
LOWER CLARK FORK	112	177
MISSOURI	113	138
MISSOURI HEADWATERS	117	154
JEFFERSON	110	137
MADISON	121	168
GALLATIN	116	151
MISSOURI MAINSTEM	108	113
HEADWATERS MAINSTEM	106	105
SMITH-JUDITH-MUSSELSHELL	117	108
SUN-TETON-MARIAS	90	114
MILK (Bearpaw Mtns)	134	283
ST. MARY	94	99
ST. MARY & MILK	103	120
YELLOWSTONE	114	145
UPPER YELLOWSTONE	121	156
LOWER YELLOWSTONE	107	141
STATE-WIDE	112	146

Precipitation

December mountain and valley precipitation across the state was 108 percent of average and 150 percent of last year, while the water year precipitation was 109 percent of average and 120 percent of last year.

West of the Continental Divide, December mountain and valley precipitation was 110 percent of average and 156 percent of last year and the water year precipitation was 107 percent of average and 128 percent of last year. East of the Divide, December mountain and valley precipitation was 106 percent of average and 144 percent of last year and the water year precipitation was 110 percent of average and 114 percent of last year.

RIVER BASIN	DECEMBER % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	110	107
KOOTENAI	103	105
FLATHEAD	108	109
UPPER CLARK FORK	111	106
BITTERROOT	106	104
LOWER CLARK FORK	122	107
MISSOURI	109	114
JEFFERSON	110	114
MADISON	110	118
GALLATIN	91	118
MISSOURI MAINSTEM	121	117
SMITH-JUDITH-MUSSELSHELL	100	122
SUN-TETON-MARIAS	109	84
MILK	159	140
ST. MARY	88	91
YELLOWSTONE	116	108
UPPER YELLOWSTONE	119	118
LOWER YELLOWSTONE	120	99
STATE-WIDE	108	109

Reservoirs

Major reservoir storages statewide were 106 percent of average and 111 percent of last year.

Reservoir storage west of the Continental Divide was 117 percent of average and 101 percent of last year. East of the Continental Divide, reservoir storages were 102 percent of average and 116 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	117	101
KOOTENAI	122	101
FLATHEAD	114	101
UPPER CLARK FORK	145	102
BITTERROOT	125	123
LOWER CLARK FORK	100	101
MISSOURI	102	118
JEFFERSON	120	108
MADISON	115	97
GALLATIN	163	103
MISSOURI MAINSTEM	101	119
SMITH-JUDITH-MUSSELSHELL	151	149
SUN-TETON-MARIAS	111	106
MILK	134	137
ST. MARY	190	186
YELLOWSTONE	101	93
UPPER YELLOWSTONE	121	116
LOWER YELLOWSTONE	101	92
STATE-WIDE	106	111

Streamflow

Across Montana, January 1 streamflows are forecast to be 101 percent of average, for the period April 1 through July 31. West of the Continental Divide, January 1 streamflows were forecast to be 104 percent of average. East of the Continental Divide, January 1 streamflows are forecast to be 99 percent of average.

Below are the River Basin streamflow forecasts for the period April 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL MOISTURE AND RUNOFF CONDITIONS JANUARY THROUGH JULY AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR ABOVE AVERAGE (110% or more) SNOWMELT OR SPRING RAIN.

RIVER BASIN	April-July THIS YEAR % OF AVERAGE	April-July LAST YEAR % OF AVERAGE
COLUMBIA	104	73
KOOTENAI	94	86
FLATHEAD	116	80
UPPER CLARK FORK	99	72
BITTERROOT	95	65
LOWER CLARK FORK	99	72
MISSOURI	99	67
JEFFERSON	106	56
MADISON	111	70
GALLATIN	100	79
MISSOURI MAINSTEM	103	69
SMITH-JUDITH-MUSSELSHELL	97	75
SUN-TETON-MARIAS	82	68
MILK	112	66
ST. MARY	98	88
YELLOWSTONE	97	66
UPPER YELLOWSTONE	107	73
LOWER YELLOWSTONE	86	56
STATE-WIDE	101	71

NOTE: The APRIL-JULY LAST YEAR % OF AVERAGE column above, is what was forecast last year, not what actually occurred.

Surface Water Supply Index

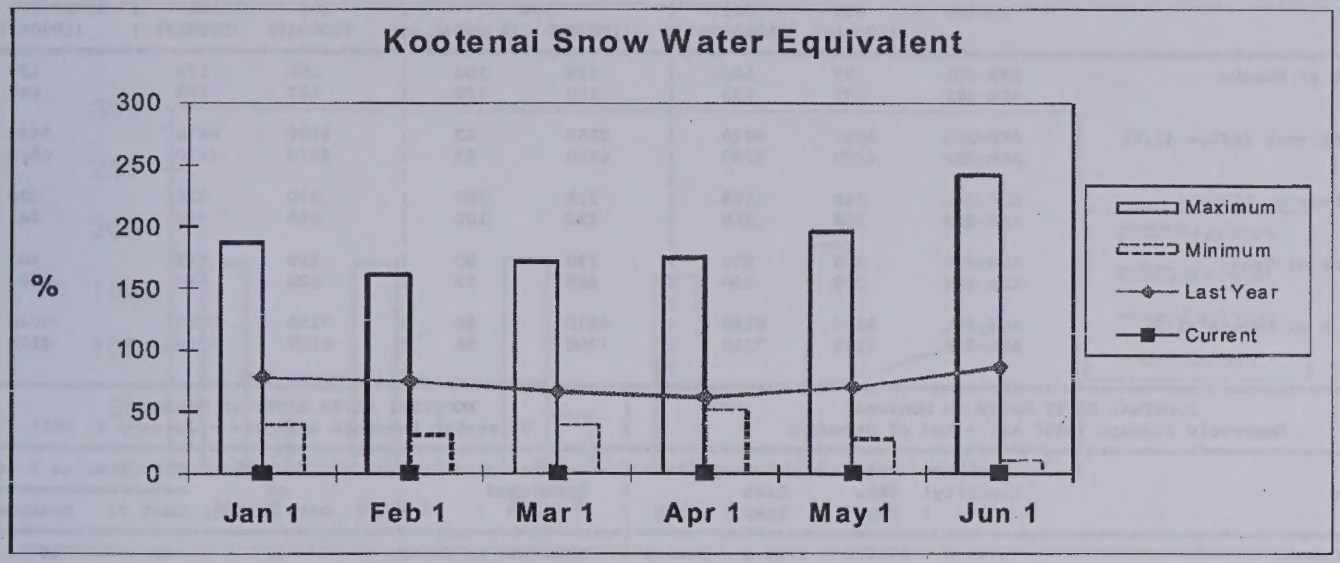
The Surface Water Supply Index (SWSI) is a measure of available surface water availability for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

This Year SWSI	Last Year SWSI	Basin
-2.3	+0.3	Tobacco River
-0.4	-3.4	Kootenai Ft. Steele to Libby Dam
+0.8	-0.6	Kootenai River below Libby Dam
+1.1	+0.2	Fisher River
0.0	-1.7	Yaak River
+0.7	-3.3	North Fork Flathead River
+1.3	-3.3	Middle FORK Flathead River
+3.1	-0.2	South Fork Flathead River
+1.6	-2.3	Flathead River at Columbia Falls
+2.3	-1.2	Swan River
+1.0	-2.4	Flathead River at Polson
+3.2	-3.5	Mission Valley
-2.0	-3.2	Little Bitterroot River
+0.4	+1.3	Clark Fork River above Milltown
+1.8	+0.5	Blackfoot River
+0.7	+0.1	Bitterroot River
+0.9	+1.0	Clark Fork River below Bitterroot River
+1.0	-1.2	Clark Fork River below Flathead River
+2.0	-0.2	Beaverhead River
+1.8	-0.5	Ruby River
+1.2	+0.3	Big Hole River
+0.5	+0.7	Boulder River (Jefferson)
+1.9	+1.4	Jefferson River
+1.3	0.0	Madison River
+1.0	+1.0	Gallatin River
+0.9	+0.2	Missouri River above Canyon Ferry
+0.7	-0.3	Missouri River below Canyon Ferry
+2.3	+0.5	Smith River
-0.8	-2.3	Sun River
+0.4	+0.2	Teton River
-0.4	-2.2	Birch/Dupuyer Creeks
+2.7	+1.3	Upper Judith River
-0.3	-1.8	Marias River above Tiber
+1.3	-1.7	Marias River below Tiber
+1.7	+1.2	Musselshell River
+0.8	0.0	Missouri River above Ft. Peck
+1.0	-2.7	Missouri River below Ft. Peck
+1.2	-2.8	St. Mary River
+2.0	+0.2	Milk River
-1.1	-1.6	Dearborn River near Craig
+2.0	+0.4	Yellowstone River above Livingston
+2.4	+1.9	Shields River
+2.1	+0.6	Boulder River (Yellowstone)
+0.6	-0.5	Stillwater River
+0.7	0.0	Rock/Red Lodge Creeks
+2.1	-0.9	Clarks Fork River
+1.8	+0.1	Yellowstone River above Bighorn River
+0.5	+0.3	Bighorn River below Bighorn Lake
-0.5	+1.0	Little Bighorn River
+1.2	+0.2	Yellowstone River below Bighorn River
-0.6	+2.5	Tongue River
-0.3	+1.1	Powder River
+1.0	+1.4	Clark Fk above Missoula
+1.6	+2.0	Canyon Ferry/Elwell

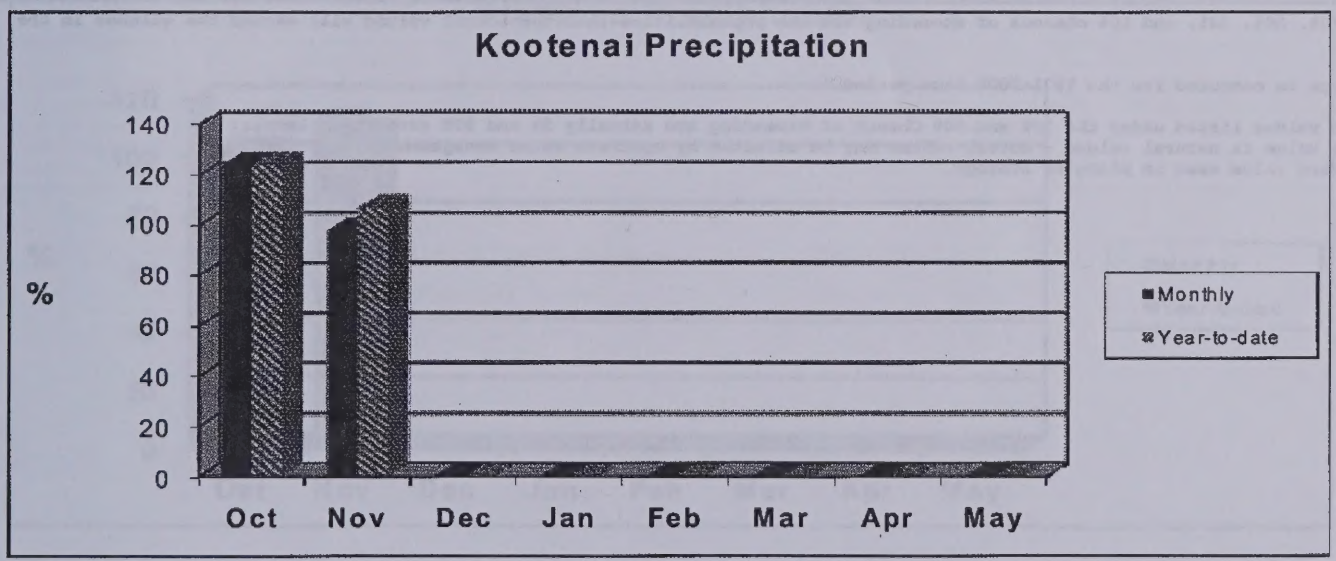
Kootenai River Basin in Montana

Snowpack conditions in the Kootenai River Basin were near average. Snow water content was 101 percent of average and 129 percent of last year.



January maximum swe was established in 1997 and minimum was in 1977; February maximum swe was in 1997 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1974 and minimum swe was in 1977and 2005; May maximum swe was in 1974 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during December was 99 percent of average and 157 percent of last year. Valley precipitation during December was 137 percent of average and 263 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 105 percent of average and 118 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow average 94 percent.

Lake Koocanusa storage was 122 percent of average and 101 percent of last year.

Surface Water Supply Index (SWSI) was +0.3 in the Tobacco River; -0.4 in the Kootenai Ft. Steele to Libby Dam; +0.8 in the Kootenai River below Libby Dam; +1.1 in the Fisher River; and 0.0 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Tobacco R nr Eureka	APR-JUL	97	120	136	100	152	175	136
	APR-SEP	107	133	150	100	167	193	150
Libby Reservoir Inflow (1,2)	APR-JUL	4030	4870	5250	93	5630	6470	5640
	APR-SEP	4950	5790	6180	93	6570	7410	6640
Fisher River nr Libby	APR-JUL	146	199	235	102	270	325	230
	APR-SEP	158	215	250	102	285	340	245
Yaak River nr Troy	APR-JUL	275	370	430	93	490	585	465
	APR-SEP	300	390	455	93	520	610	490
Kootenai R at Leonia (1,2)	APR-JUL	5130	6190	6670	95	7150	8210	7040
	APR-SEP	6140	7210	7700	95	8190	9260	8120

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE KOOCANUSA	5748.0	3785.0	3746.0	3090.1

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
KOOTENAY in CANADA	11	63	64
KOOTENAI MAINTSTEM	3	138	99
TOBACCO	2	121	109
FISHER	1	160	108
YAAK	2	112	93
KOOTENAI in MONTANA	8	129	101
KOOTENAI ab BONNERS FERRY	19	89	82

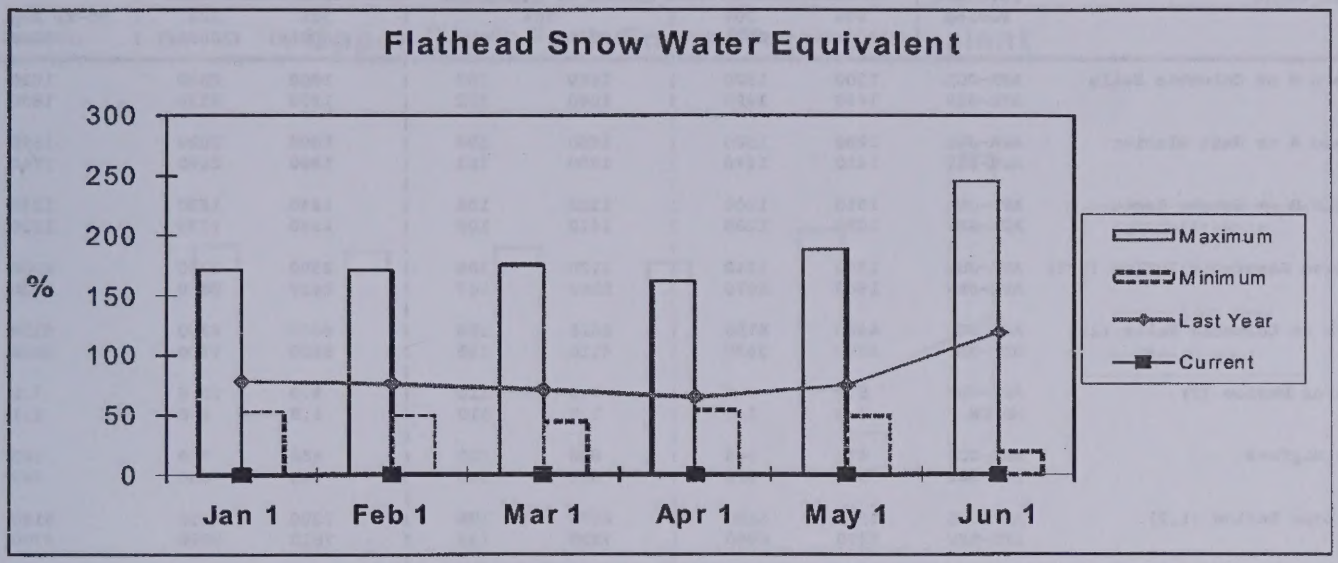
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

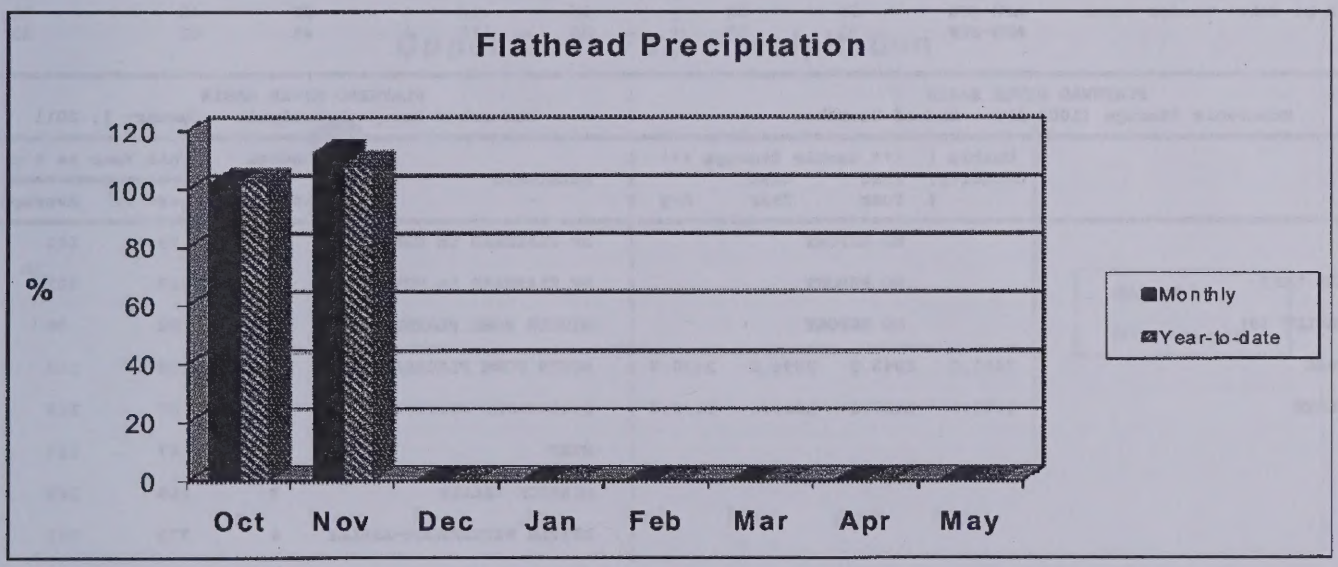
Flathead River Basin

Snowpack conditions in the Flathead River Basin were above average. Snow water content was 111 percent of average and 144 percent of last year.



January maximum swe was established in 1997 and minimum was in 2001; February maximum swe was in 1997 and minimum was in 2001; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum was in 1992; and June maximum swe was in 1974 and minimum was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during December was 106 percent of average and 119 percent of last year. Valley precipitation during December was 158 percent of average and 169 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 109 percent of average and 117 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average and 98 percent of last year.

Combined Camas reservoir storage was not available; Lower Jocko Lake was not available; combined Mission Valley reservoir storage was not available; Hungry Horse storage was at 122 percent of average and 102 percent of last year; and Flathead Lake storage was 100 percent of average and 98 percent of last year.

Surface Water Supply Index (SWSI) was +0.7 in the North Fork Flathead River; +1.3 in the Middle Fork Flathead River; +3.1 in the South Fork Flathead River; +1.6 in the Flathead River at Columbia Falls; +2.3 in the Swan River; +1.0 in the Flathead River at Polson; +3.2 in the Mission Valley; and -2.0 in the Little Bitterroot River.

FLATHEAD RIVER BASIN
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
NF Flathead R nr Columbia Falls	APR-JUL	1300	1520	1660	103	1800	2020	1620
	APR-SEP	1460	1690	1840	102	1990	2220	1800
MF Flathead R nr West Glacier	APR-JUL	1280	1500	1650	104	1800	2020	1590
	APR-SEP	1410	1640	1800	103	1960	2190	1740
SF Flathead R nr Hungry Horse	APR-JUL	1010	1200	1320	106	1440	1630	1250
	APR-SEP	1090	1280	1410	106	1540	1730	1330
Hungry Horse Reservoir Inflow (1,2)	APR-JUL	1540	1940	2120	106	2300	2700	2000
	APR-SEP	1660	2070	2260	107	2450	2860	2120
Flathead R at Columbia Falls (2)	APR-JUL	4460	5150	5610	105	6070	6760	5350
	APR-SEP	4920	5630	6110	105	6590	7300	5820
Ashley Ck nr Marion (2)	APR-JUL	5.2	6.8	7.9	110	9.0	10.6	7.2
	MARCH	0.3	0.8	1.2	110	1.5	2.0	1.1
Swan R nr Bigfork	APR-JUL	470	545	600	106	655	730	565
	APR-SEP	540	625	685	106	745	830	645
Flathead Lake Inflow (1,2)	APR-JUL	4910	6120	6670	108	7220	8430	6180
	APR-SEP	5370	6650	7230	108	7810	9090	6700
Mill Ck ab Bassoo Ck nr Niarada	APR-JUL	3.1	4.4	5.3	129	6.2	7.5	4.1
	APR-SEP	3.4	4.8	5.7	130	6.6	8.0	4.4
South Crow Ck nr Ronan	APR-JUL	9.1	10.6	11.6	115	12.6	14.1	10.1
	APR-SEP	10.4	12.1	13.2	115	14.3	16.0	11.5
Mission Ck nr St. Ignatius	APR-JUL	24	26	28	112	30	32	25
	APR-SEP	28	31	33	110	35	38	30
Sf Jocko R nr Arlee	APR-JUL	31	37	41	137	45	51	30
	APR-SEP	36	42	46	135	50	56	34
NF Jocko R bl Tabor Feeder Canal	APR-JUL	29	33	36	116	39	43	31
	APR-SEP	31	35	38	115	41	45	33

FLATHEAD RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CAMAS (4)		NO REPORT		
LOWER JOCKO LAKE		NO REPORT		
MISSION VALLEY (8)		NO REPORT		
HUNGRY HORSE	3451.0	2945.0	2894.0	2420.9
FLATHEAD LAKE	1791.0	1187.0	1209.0	1192.7

FLATHEAD RIVER BASIN
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
NF FLATHEAD in CANADA	1	73	101
NF FLATHEAD in MONTANA	5	112	102
MIDDLE FORK FLATHEAD	5	102	88
SOUTH FORK FLATHEAD	6	150	110
STILLWATER-WHITEFISH	4	167	112
SWAN	6	147	117
MISSION VALLEY	3	169	148
LITTLE BITTERROOT-ASHLEY	4	373	141
JOCKO	4	172	119
FLATHEAD in MONTANA	26	144	111
FLATHEAD RIVER BASIN	27	140	111

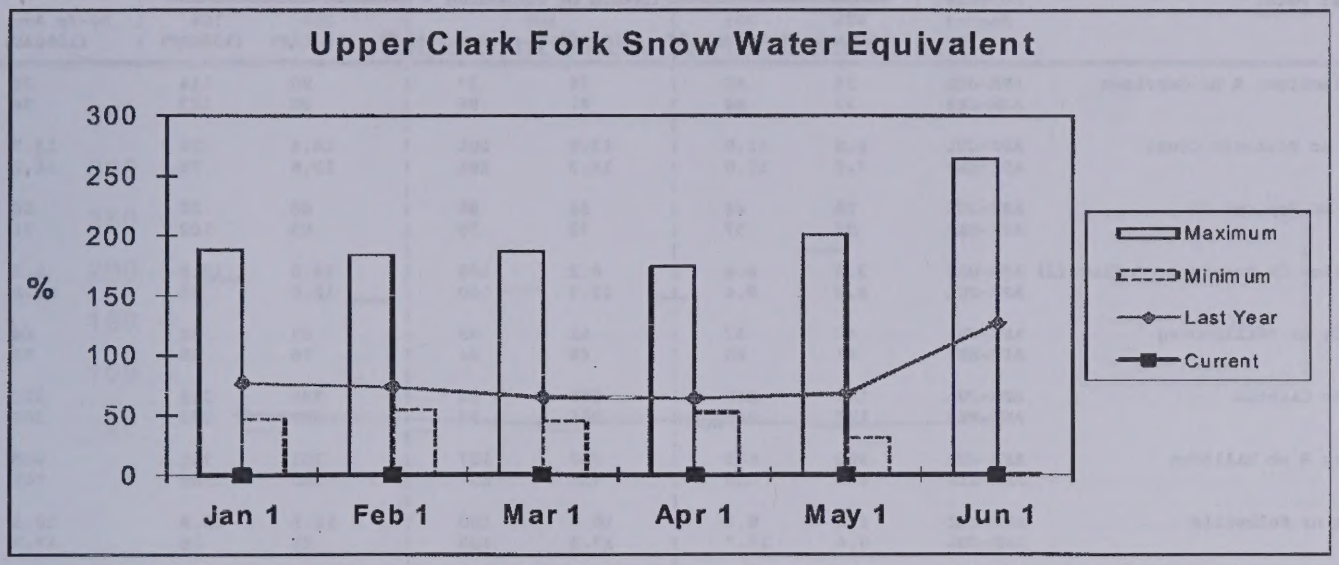
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

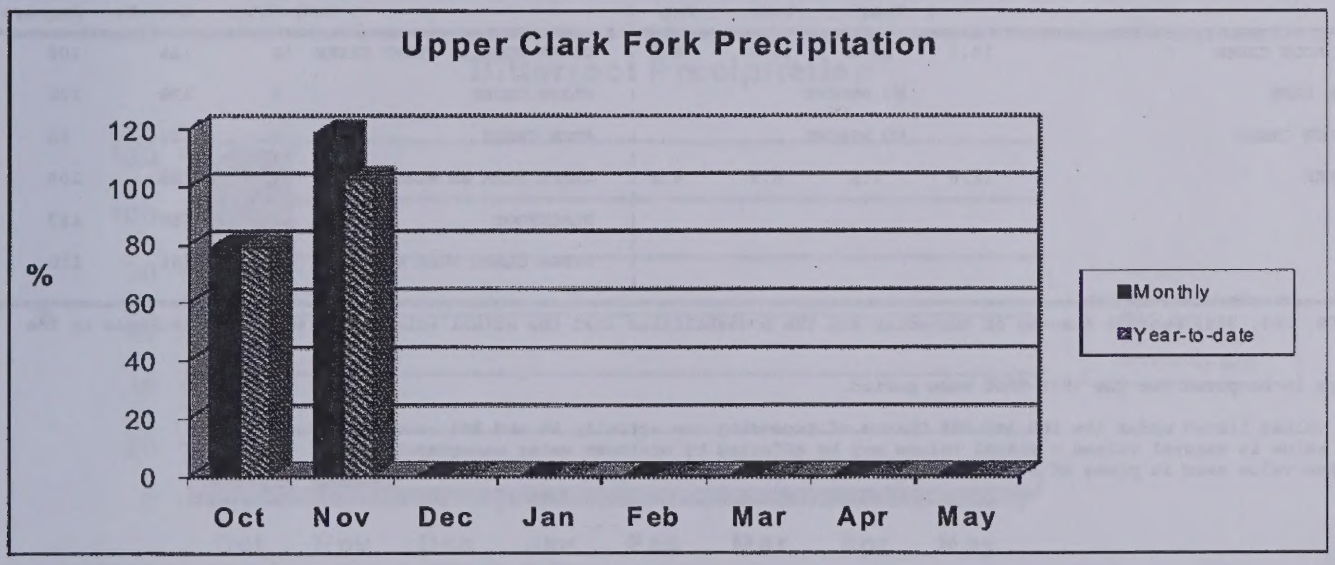
Upper Clark Fork River Basin

Snowpack conditions in the Upper Clark Fork River Basin were above average. Snow water content was 110 percent of average and 141 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during December was 107 percent of average and 150 percent of last year. Valley precipitation during December was 154 percent of average and 210 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 106 percent of average and 131 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 99 percent.

East Fork Rock Creek storage was 128 percent of average and 95 percent of last year; Georgetown Lake was not available; Lower Willow Creek storage was not available; and Nevada Creek storage was 179 percent of average and 114 percent of last year.

Surface Water Supply Index (SWSI) was +0.4 in the Clark Fork River above Milltown; and +1.8 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	Wetter =>> 30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Little Blackfoot R nr Garrison	APR-JUL	34	58	74	97	90	114	76
	APR-SEP	39	64	81	96	98	123	84
Flint Ck nr Southern Cross	APR-JUL	6.9	11.0	13.8	101	16.6	21	13.7
	APR-SEP	7.6	12.8	16.3	101	19.8	25	16.2
Flint Ck bl Boulder Ck	APR-JUL	28	44	55	98	66	82	56
	APR-SEP	38	57	70	99	83	102	71
Lower Willow Ck Reservoir Inflow (2)	APR-MAY	3.6	6.4	8.2	100	10.0	12.8	8.2
	APR-JUL	4.8	9.4	12.5	100	15.6	20	12.5
MF Rock Ck nr Philipsburg	APR-JUL	42	53	61	95	69	80	64
	APR-SEP	47	60	68	94	76	89	72
Rock Ck nr Clinton	APR-JUL	154	215	255	94	295	355	270
	APR-SEP	176	240	285	93	330	395	305
Clark Fork R ab Milltown	APR-JUL	365	535	650	107	765	935	605
	APR-SEP	445	630	755	107	880	1060	705
Nevada Ck nr Helmville	APR-MAY	4.8	8.1	10.3	100	12.5	15.8	10.3
	APR-JUL	8.4	13.7	17.3	100	21	26	17.3
Blackfoot R nr Bonner	APR-JUL	585	760	880	109	1000	1180	805
	APR-SEP	665	850	980	110	1110	1300	890
Clark Fork R ab Missoula	APR-JUL	1020	1320	1530	109	1740	2040	1410
	APR-SEP	1190	1510	1730	108	1950	2270	1600

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
EAST FORK ROCK CREEK	15.6	10.5	11.0	8.2
GEORGETOWN LAKE		NO REPORT		
LOWER WILLOW CREEK		NO REPORT		
NEVADA CREEK	12.6	7.5	6.6	4.2

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
CLARK FORK ab FLINT CREEK	10	114	109
FLINT CREEK	5	138	102
ROCK CREEK	3	131	95
CLARK FORK ab BLACKFOOT	15	125	106
BLACKFOOT	11	160	117
UPPER CLARK FORK BASIN	24	141	110

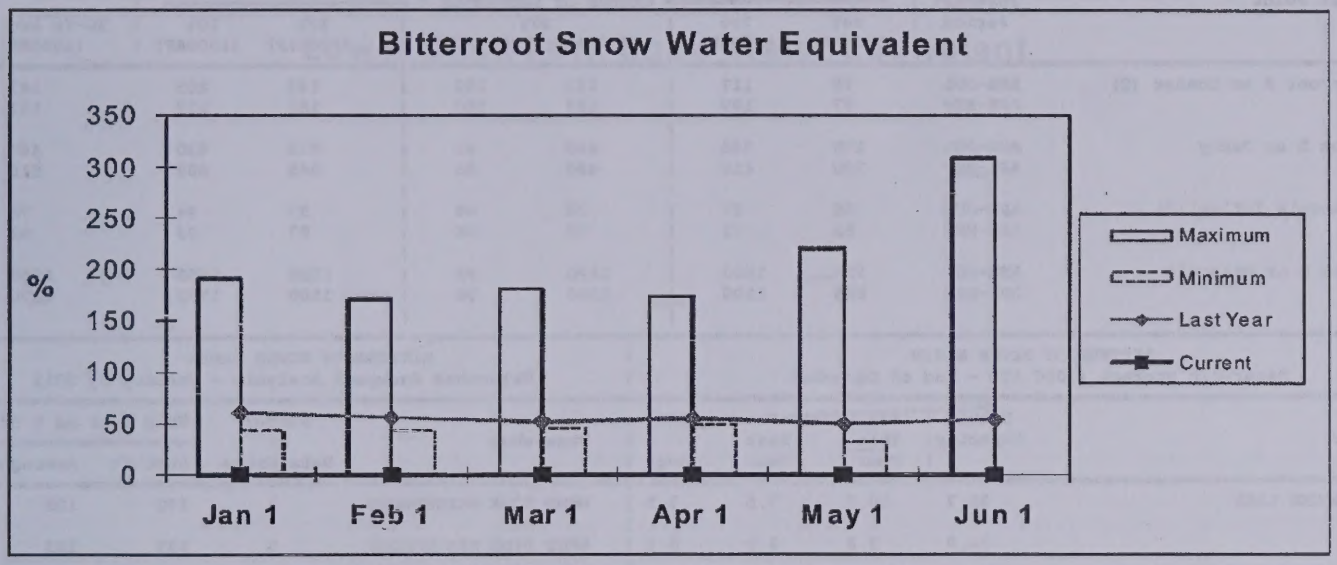
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

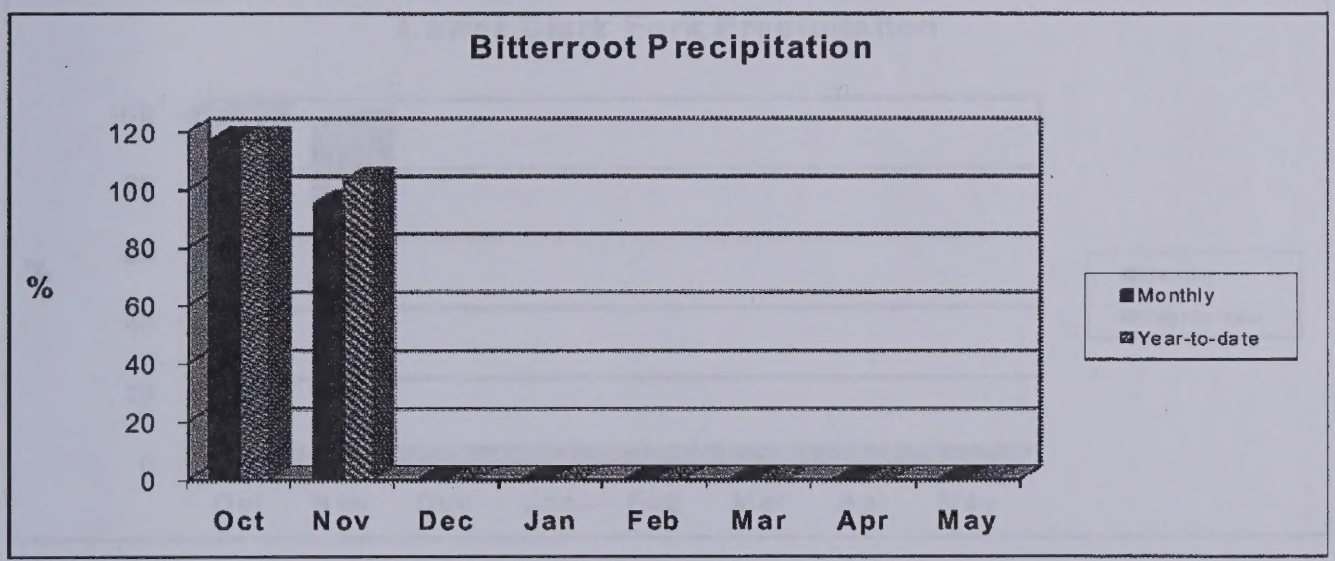
Bitterroot River Basin

Snowpack conditions in the Bitterroot River Basin were below average. Snow water content was 94 percent of average and 153 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum was in 1977; March maximum swe was in 1972 and minimum swe was in 1977 and 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1987; and June maximum swe was 1972 and 1974 and 1974 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain precipitation during December was 104 percent of average and 107 percent of last year. Valley precipitation during December was 132 percent of average and 262 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 104 percent of average and 151 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 95 percent.

Painted Rocks Lake storage was 143 percent of average and 143 percent of last year and Como storage was 110 percent of average and 107 percent of last year.

Surface Water Supply Index (SWSI) was +0.7 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
WF Bitterroot R nr Conner (2)	APR-JUL	79	117	143	100	169	205	143
	APR-SEP	87	129	157	100	185	225	157
Bitterroot R nr Darby	APR-JUL	250	365	440	96	515	630	460
	APR-SEP	300	415	490	95	565	680	515
Como Reservoir Inflow (2)	APR-JUL	56	67	75	96	83	94	78
	APR-SEP	59	71	79	96	87	99	82
Bitterroot R nr Missoula	APR-JUL	720	1000	1190	95	1380	1660	1250
	APR-SEP	805	1100	1300	95	1500	1790	1370

BITTERROOT RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
PAINTED ROCKS LAKE	31.7	10.7	7.5	7.5
COMO	34.9	9.8	9.2	8.9

BITTERROOT RIVER BASIN
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WEST FORK BITTERROOT	2	170	105
EAST SIDE BITTERROOT	3	167	103
WEST SIDE BITTERROOT	3	143	86
BITTERROOT RIVER BASIN	7	153	94

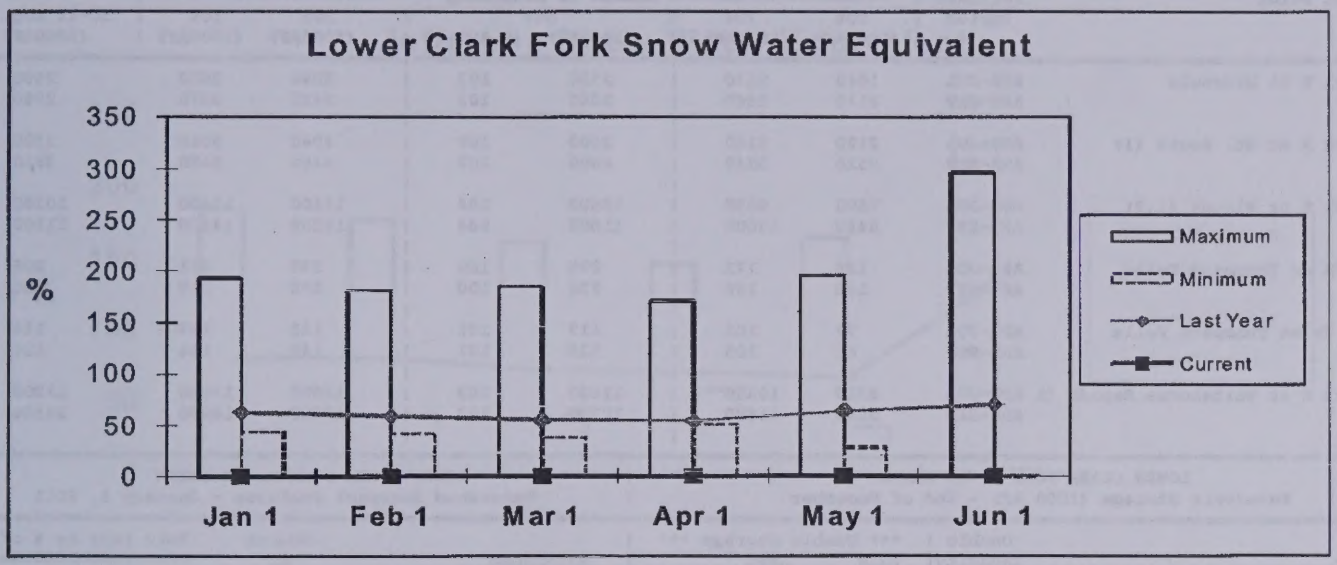
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

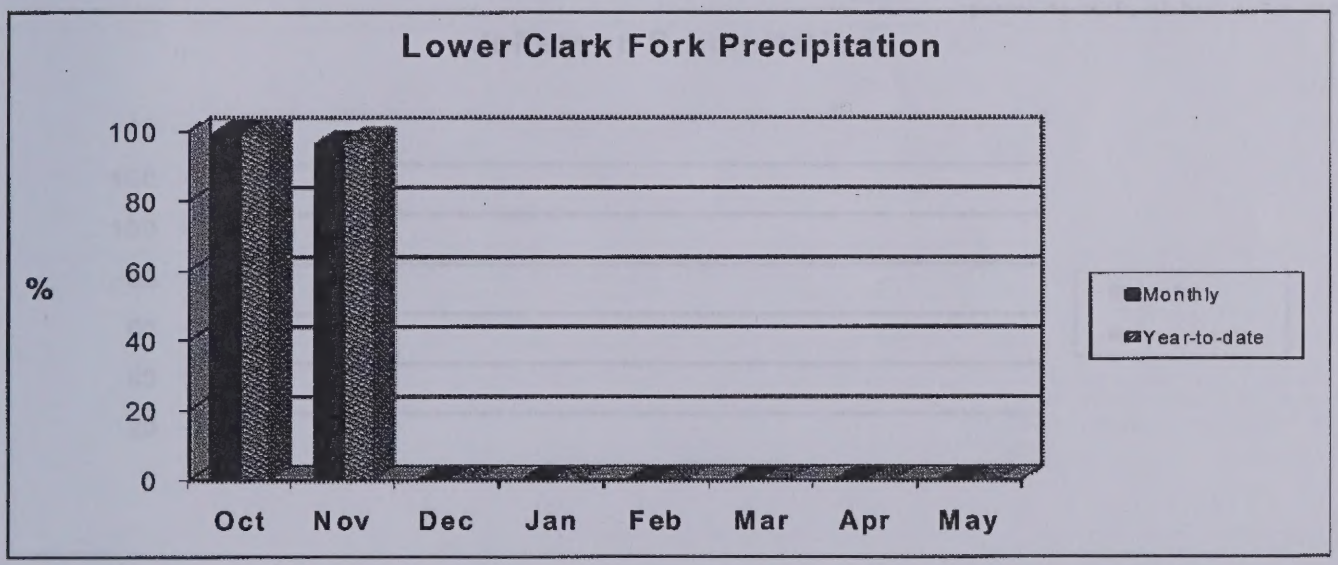
Lower Clark Fork River Basin

Snowpack conditions in the Lower Clark Fork River Basin were above average. Snow water content was 112 percent of average and 177 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1977. Average is for the period 1971 through 2000.

Mountain precipitation during December was 121 percent of average and 202 percent of last year. Valley precipitation during December was 126 percent of average and 290 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 107 percent of average and 144 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 99 percent.

Noxon Rapids storage was 100 percent of average and 101 percent of last year.

Surface Water Supply Index (SWSI) was +0.9 in the Clark Fork River below Bitterroot River and +1.0 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Clark Fork R bl Missoula	APR-JUL	1840	2370	2730	103	3090	3620	2660
	APR-SEP	2110	2660	3040	103	3420	3970	2960
Clark Fork R at St. Regis (1)	APR-JUL	2190	3160	3600	102	4040	5010	3520
	APR-SEP	2520	3540	4000	102	4460	5480	3910
Clark Fork R nr Plains (1,2)	APR-JUL	7590	9590	10500	104	11400	13400	10100
	APR-SEP	8440	10500	11500	104	12500	14600	11100
Thompson R nr Thompson Falls	APR-JUL	126	173	205	100	235	285	205
	APR-SEP	146	196	230	100	265	315	230
Prospect Ck at Thompson Falls	APR-JUL	77	101	117	101	133	157	116
	APR-SEP	84	108	125	101	142	166	124
Clark Fork R at Whitehorse Rapids (1	APR-JUL	8310	10600	11600	103	12600	14900	11300
	APR-SEP	9240	11600	12700	102	13800	16200	12500

LOWER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
NOXON RAPIDS	335.0	317.2	314.2	315.8

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
LOWER CLARK FORK BASIN	8	177	112

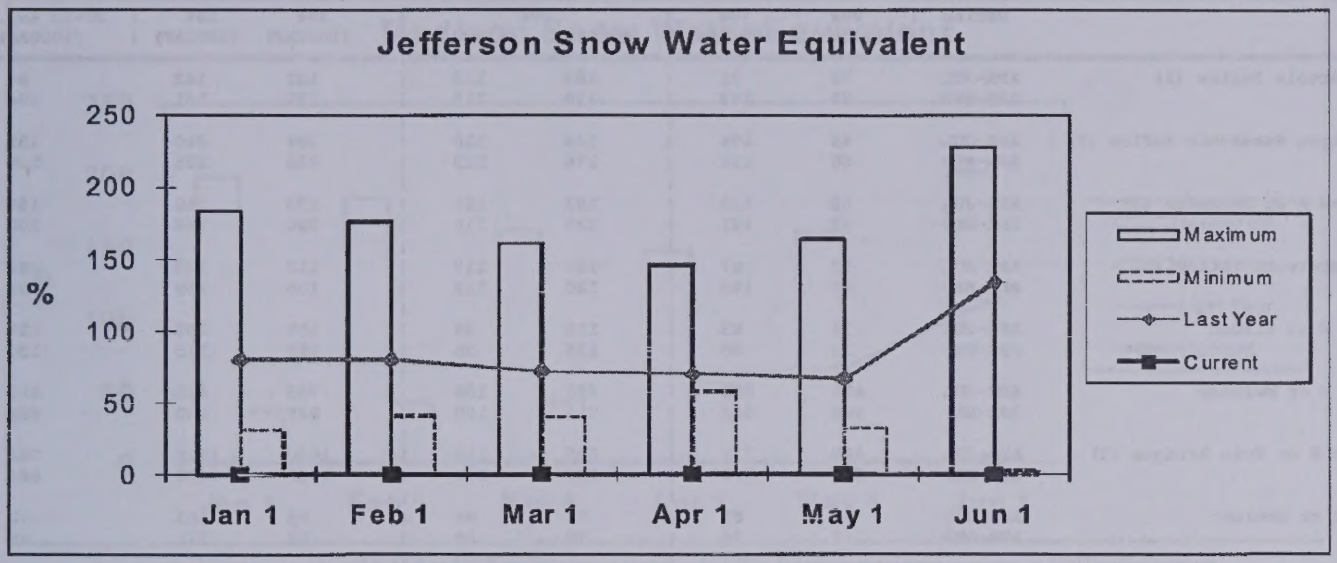
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

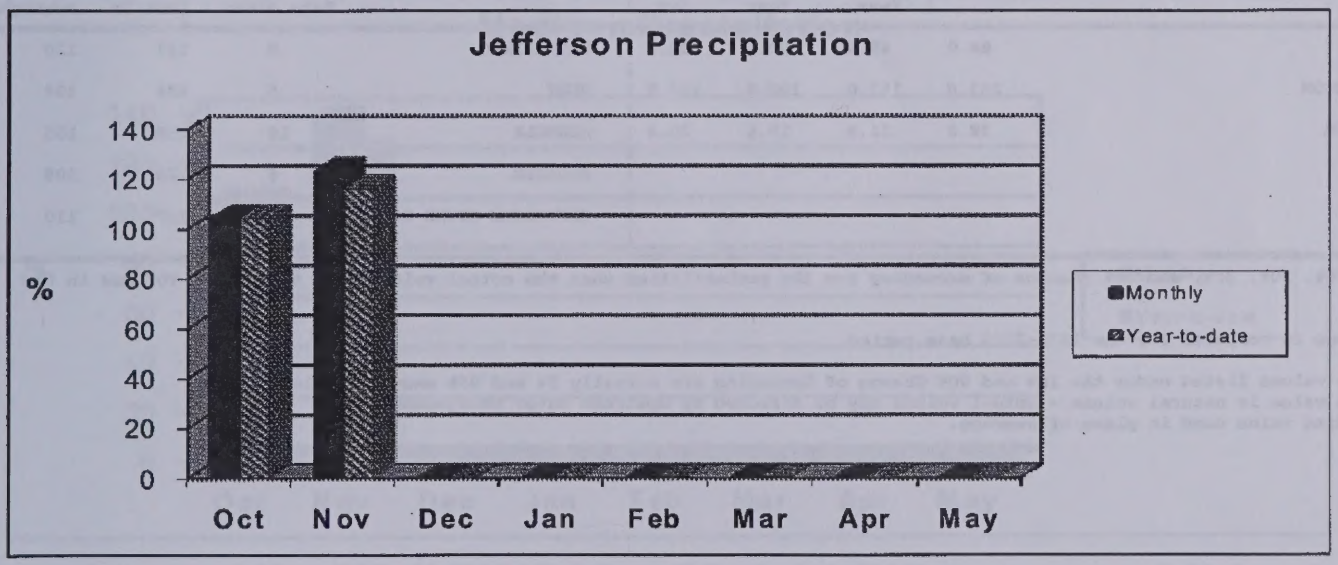
Jefferson River Basin

Snowpack conditions in the Jefferson River Basin were above average. Snow water content was 110 percent of average and 137 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1982 and minimum in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during December was 106 percent of average and 200 percent of last year. Valley precipitation during December was 225 percent of average and 473 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 114 percent of average and 135 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 106 percent.

Lima storage was 153 percent of average and 126 percent of last year; Clark Canyon storage was 114 percent of average and 103 percent of last year; and Ruby River storage was 107 percent of average and 112 percent of last year.

Surface Water Supply Index (SWSI) was +2.0 in the Beaverhead River; +1.8 in the Ruby River; +1.2 in the Big Hole River; +0.5 in the Boulder River; and +1.9 in the Jefferson River as a whole.

JEFFERSON RIVER BASIN
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Lima Reservoir Inflow (2)	APR-JUL	70	91	106	110	121	142	96
	APR-SEP	79	103	120	115	137	161	104
Clark Canyon Reservoir Inflow (2)	APR-JUL	46	104	144	110	184	240	131
	APR-SEP	68	132	176	113	220	285	156
Beaverhead R at Barretts (2)	APR-JUL	56	132	183	109	235	310	168
	APR-SEP	73	161	220	110	280	365	200
Ruby R Reservoir Inflow (2)	APR-JUL	67	87	100	119	113	133	84
	APR-SEP	82	105	120	119	135	158	101
Big Hole R at Wisdom	APR-JUL	32	83	118	98	153	205	121
	APR-SEP	33	88	125	96	162	215	130
Big Hole R nr Melrose	APR-JUL	405	555	660	108	765	915	610
	APR-SEP	440	605	715	108	825	990	660
Jefferson R nr Twin Bridges (2)	APR-JUL	465	715	885	113	1060	1310	785
	APR-SEP	500	775	965	110	1150	1430	880
Boulder R nr Boulder	APR-JUL	43	61	73	94	85	103	78
	APR-SEP	47	66	79	93	92	111	85
Willow Ck Reservoir Inflow (2)	APR-JUL	3.8	10.8	15.6	87	20	27	17.9
	APR-SEP	4.7	12.2	17.4	87	23	30	20
Jefferson R nr Three Forks (2)	APR-JUL	400	675	860	110	1050	1320	780
	APR-SEP	450	755	960	112	1170	1470	860

JEFFERSON RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LIMA	84.0	49.4	39.1	32.2
CLARK CANYON	255.6	157.0	152.9	137.5
RUBY RIVER	38.8	21.9	19.6	20.4

JEFFERSON RIVER BASIN
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
BEAVERHEAD	8	167	120
RUBY	5	124	104
BIGHOLE	10	130	105
BOULDER	6	123	109
JEFFERSON RIVER BASIN	24	137	110

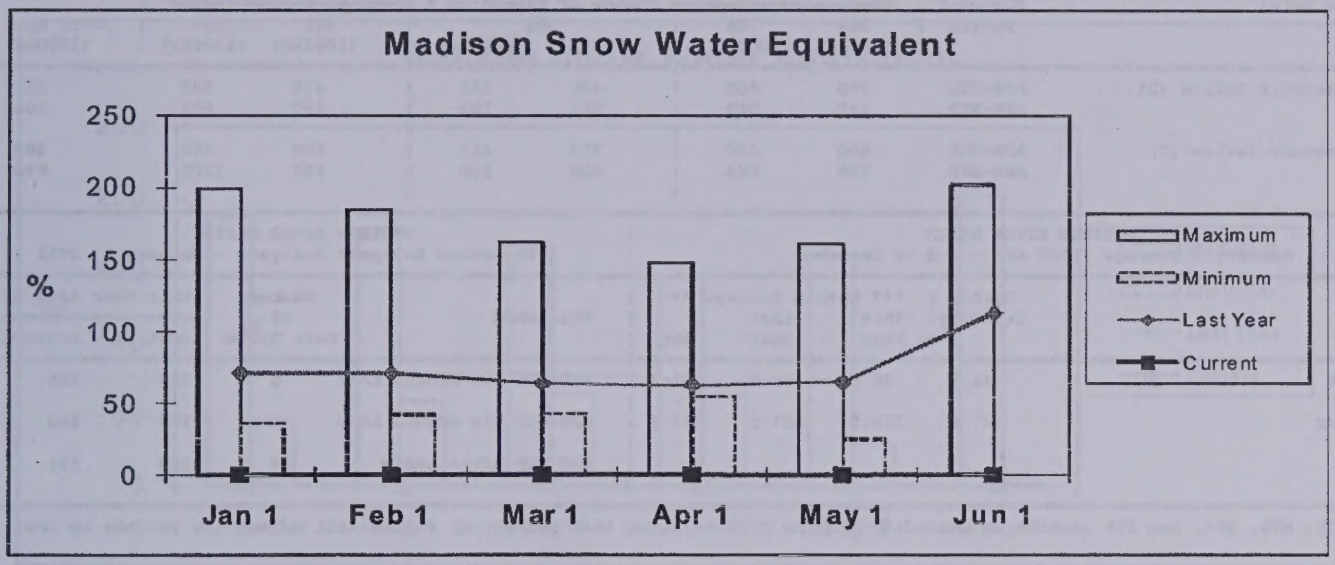
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

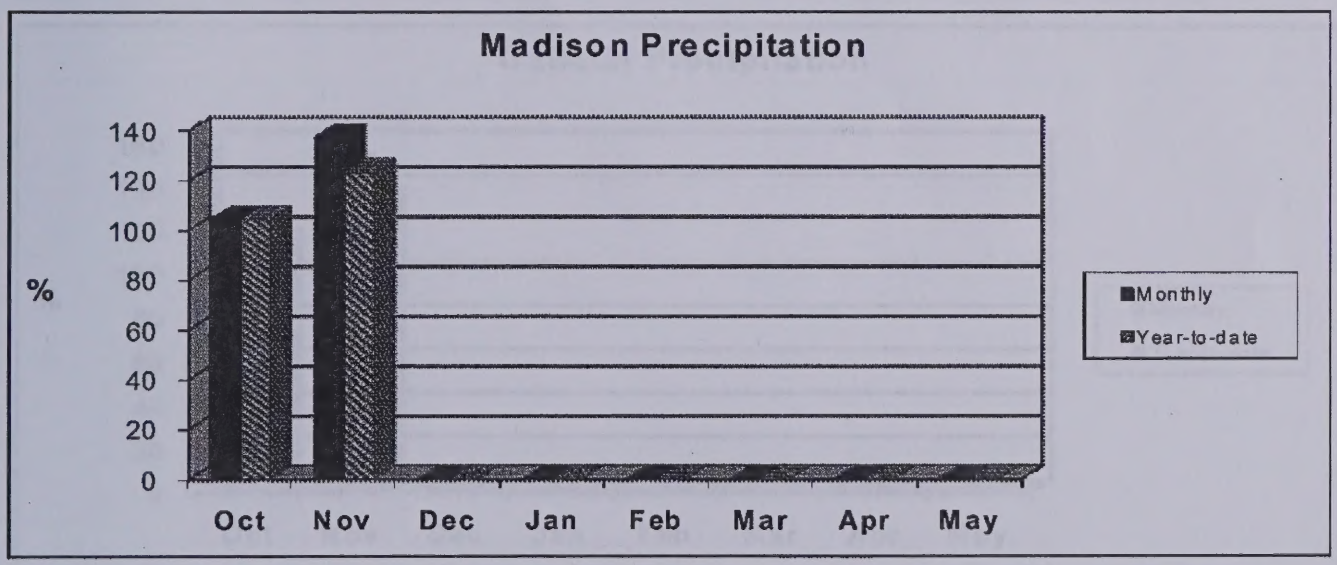
Madison River Basin

Snowpack conditions in the Madison River Basin were above average. Snow water content was 121 percent of average and 168 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1997 and minimum swe was in 1977; and June maximum swe was in 1995 and minimum in 1987 and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during December was 110 percent of average and 196 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 118 percent of average and 144 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 111 percent.

Ennis Lake storage was 90 percent of average and 99 percent of last year and Hebgen Lake storage was 118 percent of average and 97 percent of last year.

Surface Water Supply Index (SWSI) was +1.3 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Hebgen Reservoir Inflow (2)	APR-JUL	355	405	440	111	475	525	395
	APR-SEP	445	510	550	109	590	655	505
Ennis Reservoir Inflow (2)	APR-JUL	600	690	755	111	820	910	680
	APR-SEP	735	845	920	108	995	1100	850

MADISON RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
ENNIS LAKE	41.0	28.5	28.9	31.5
HEBGEN LAKE	377.5	315.9	327.0	267.6

MADISON RIVER BASIN
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
MADISON abv HEBGEN LAKE	6	215	135
MADISON blw HEBGEN LAKE	8	138	109
MADISON RIVER BASIN	14	168	121

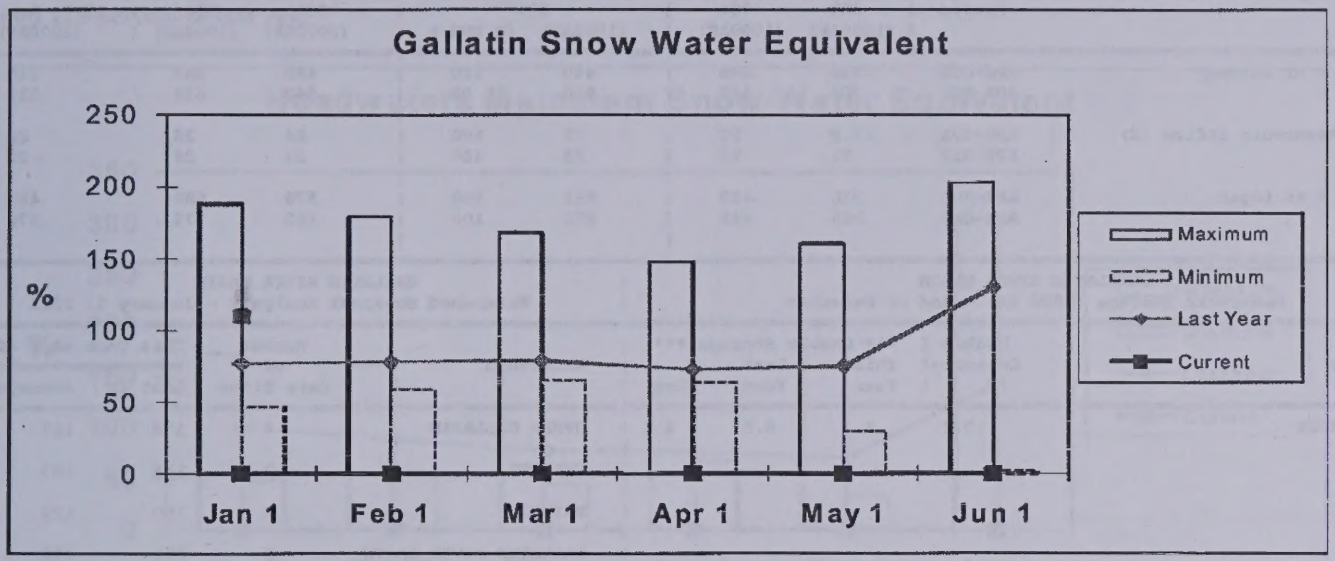
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

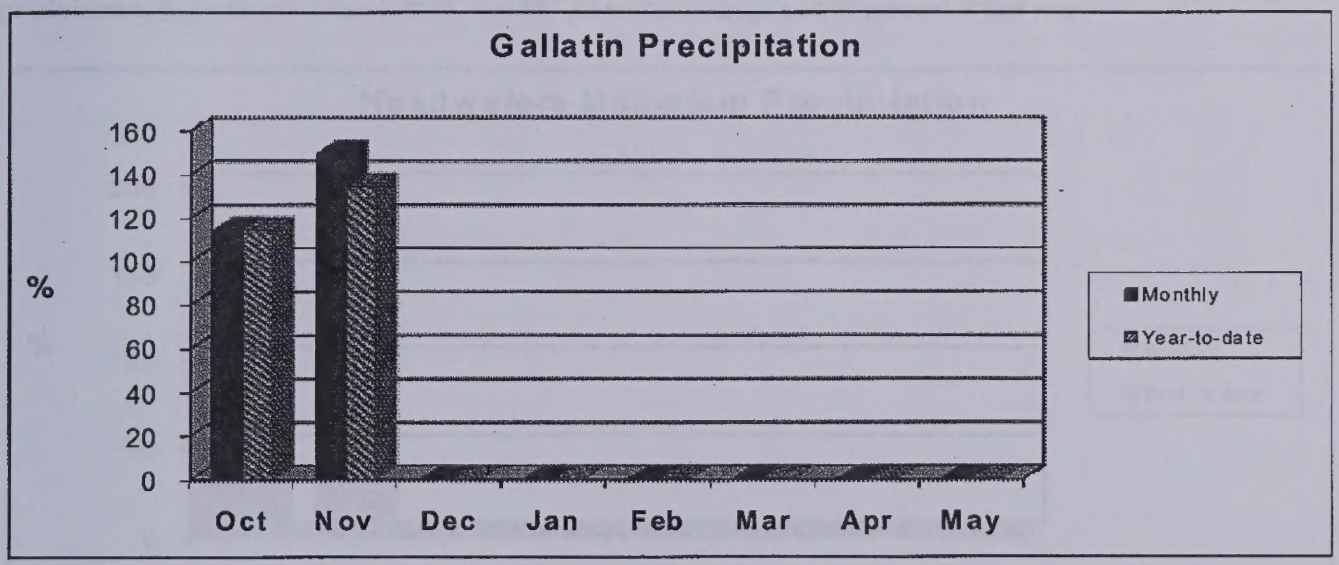
Gallatin River Basin

Snowpack conditions in the Gallatin River Basin were above average. Snow water content was 116 percent of average and 151 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1966; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977and 2005; April maximum swe was in 1997 and minimum was in 1987; May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1975 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during December was 91 percent of average and 153 percent of last year. Valley precipitation during December was 81 percent of average and 418 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 118 percent of average and 137 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 100 percent.

Middle Creek storage was 163 percent of average and 103 percent of last year.

Surface Water Supply Index (SWSI) was +1.0 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Gallatin R nr Gateway	APR-JUL	330	395	440	100	485	550	440
	APR-SEP	385	460	510	99	560	635	515
Hyalite Reservoir Inflow (2)	APR-JUL	17.9	20	22	100	24	26	22
	APR-SEP	21	23	25	100	27	29	25
Gallatin R at Logan	APR-JUL	310	420	495	100	570	680	495
	APR-SEP	365	485	570	100	655	775	570

GALLATIN RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MIDDLE CREEK	10.2	6.7	6.5	4.1

GALLATIN RIVER BASIN
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
UPPER GALLATIN	4	172	117
HYALITE	2	114	103
BRIDGER	2	150	129
GALLATIN RIVER BASIN	8	151	116

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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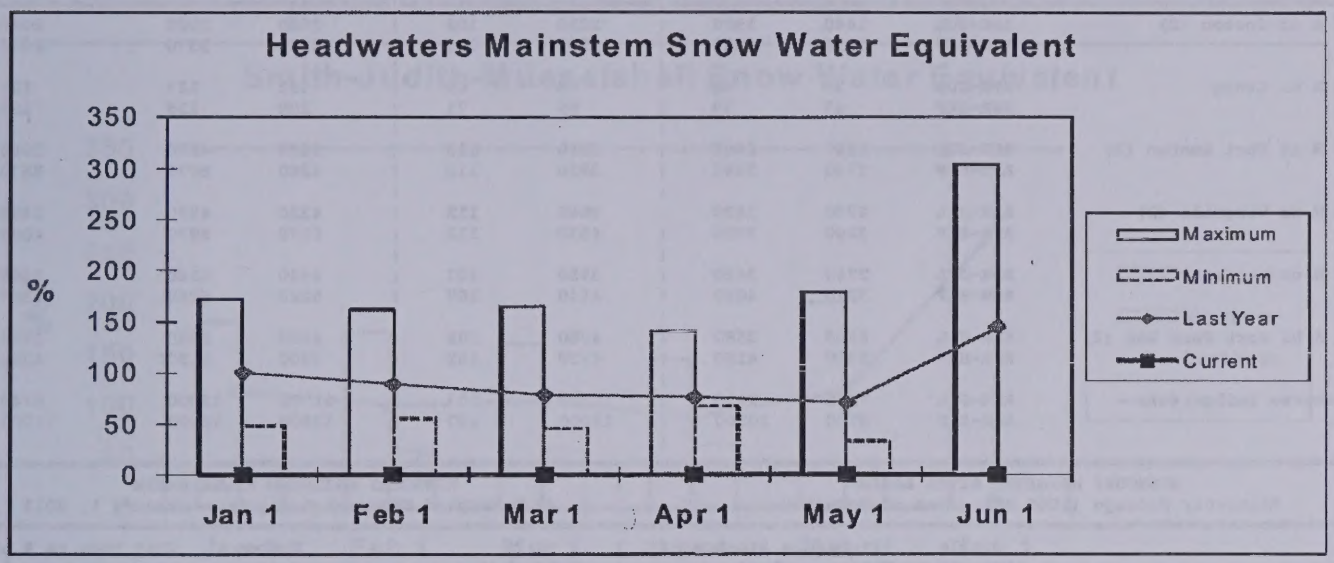
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

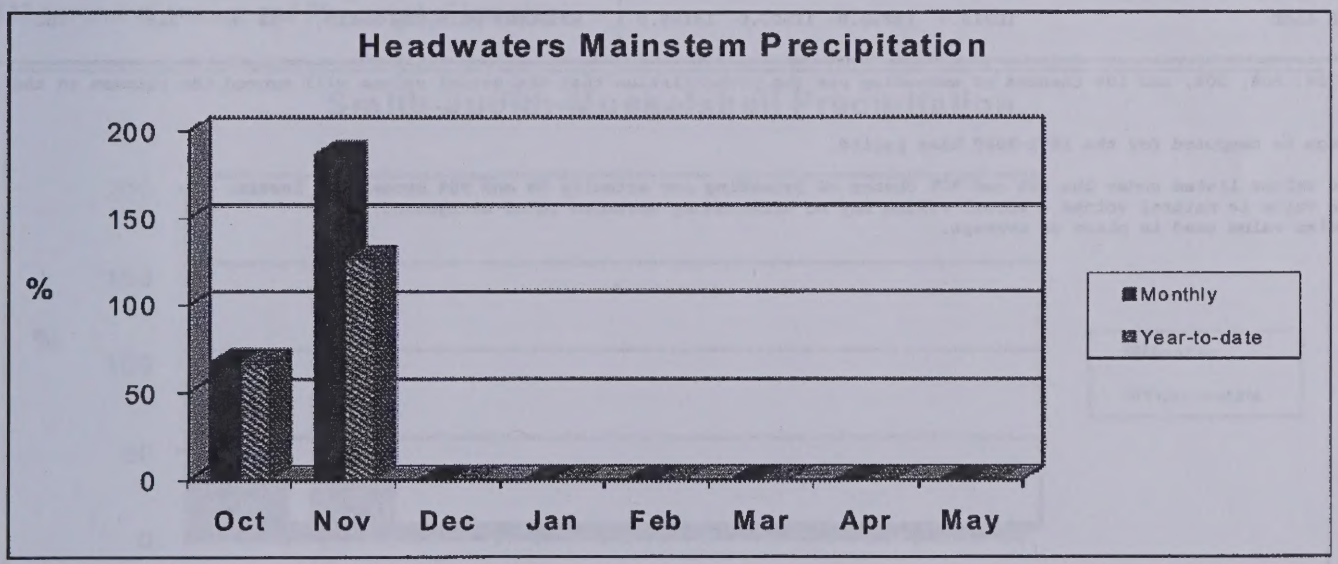
Missouri Mainstem River Basin

The combined snowpack conditions in the Smith-Judith-Musselshell River Basins were above average. Snow water content in the Smith River Basin was 110 percent of average and 109 percent of last year; in the Judith River Basin was 123 percent of average and 97 percent of last year; and in the Musselshell River Basin was 119 percent of average and 125 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum swe was in 1977 and 1988; March maximum swe in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 1961, 1966 and 2005; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during December was 93 percent of average and 111 percent of last year. Valley precipitation during December was 182 percent of average and 100 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 117 percent of average and 97 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 97 percent.

Canyon Ferry Lake storage was 96 percent of average and 99 percent of last year; Helena Valley storage was 123 percent of average and 116 percent of last year; Lake Helena storage was 78 percent of average and 27 percent of last year; Hauser & Helena storage was 110 percent of average and 71 percent of last year; Holter Lake storage was 101 percent of average and 100 percent of last year; and Fort Peck Lake storage was 101 percent of average and 122 percent of last year.

Surface Water Supply Index (SWSI) was +0.9 in the Missouri River above Canyon Ferry; +0.7 in the Missouri River below Canyon Ferry; -1.1 in the Dearborn River near Craig; +0.8 in the Missouri River above Fort Peck; and +1.0 in the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Missouri R at Toston (2)	APR-JUL	1440	1900	2210	108	2520	2980	2050
	APR-SEP	1810	2230	2590	108	2950	3370	2390
Dearborn R nr Craig	APR-JUL	39	65	83	69	101	127	121
	APR-SEP	43	70	89	71	108	135	125
Missouri R at Fort Benton (2)	APR-JUL	2310	2890	3290	110	3690	4270	2990
	APR-SEP	2750	3440	3910	110	4380	5070	3570
Missouri R nr Virgelle (2)	APR-JUL	2730	3400	3860	112	4320	4990	3450
	APR-SEP	3200	3990	4530	112	5070	5870	4060
Missouri R nr Landusky (2)	APR-JUL	2740	3460	3950	107	4440	5160	3690
	APR-SEP	3220	4060	4640	107	5220	6060	4350
Missouri R bl Fort Peck Dam (2)	APR-JUL	2860	3580	4080	109	4580	5300	3740
	APR-SEP	3310	4160	4730	109	5300	6150	4330
Lake Sakakawea Inflow (2)	APR-JUL	7210	9110	10400	107	11700	13600	9740
	APR-SEP	8700	10500	12000	107	13500	15300	11200

MISSOURI MAINSTEM RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CANYON FERRY LAKE	2043.0	1596.0	1616.0	1670.3
HELENA VALLEY	9.2	5.9	5.1	4.8
LAKE HELENA	12.7	9.7	36.1	12.5
HAUSER & HELENA	74.6	69.3	97.4	62.9
HOLTER LAKE	81.9	80.9	80.8	80.0
FORT PECK LAKE	18910.0	15280.0	12500.0	15126.0

MISSOURI MAINSTEM RIVER BASIN
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
HEADWATERS MAINSTEM	8	105	106
SMITH-JUDITH-MUSSELSHELL	10	108	117
SUN-TETON-MARIAS	7	114	90
MAINSTEM ab FT PECK RES	24	110	104
MILK RIVER BASIN	3	283	134
MISSOURI MAINSTEM BASIN	26	113	108

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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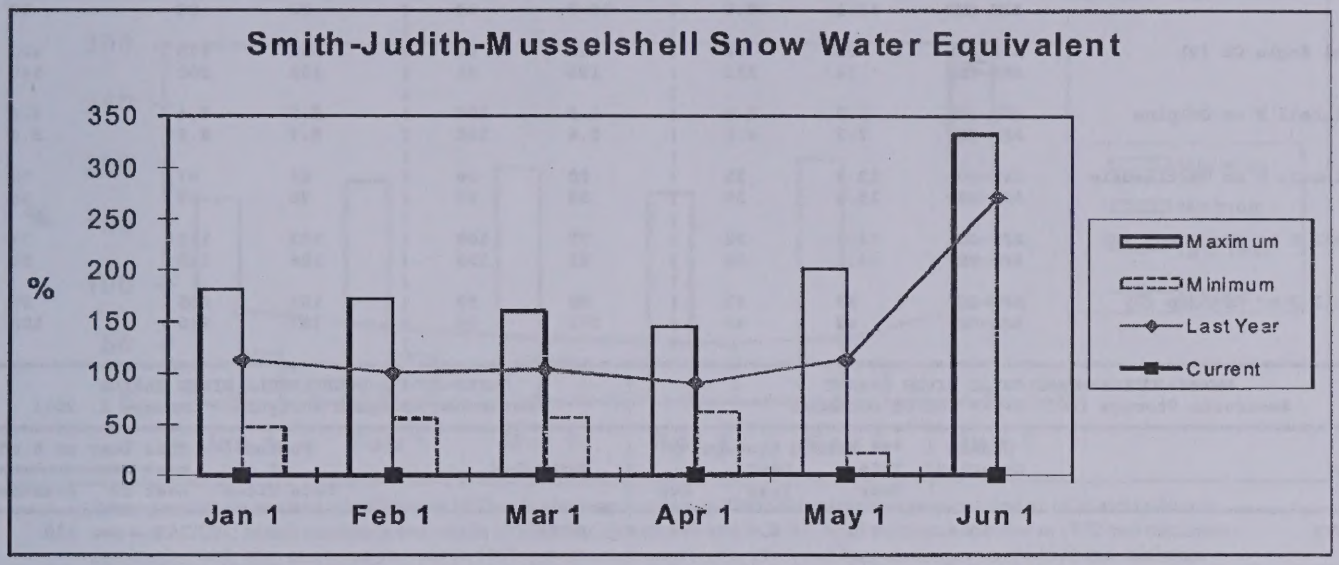
(3) - Median value used in place of average.

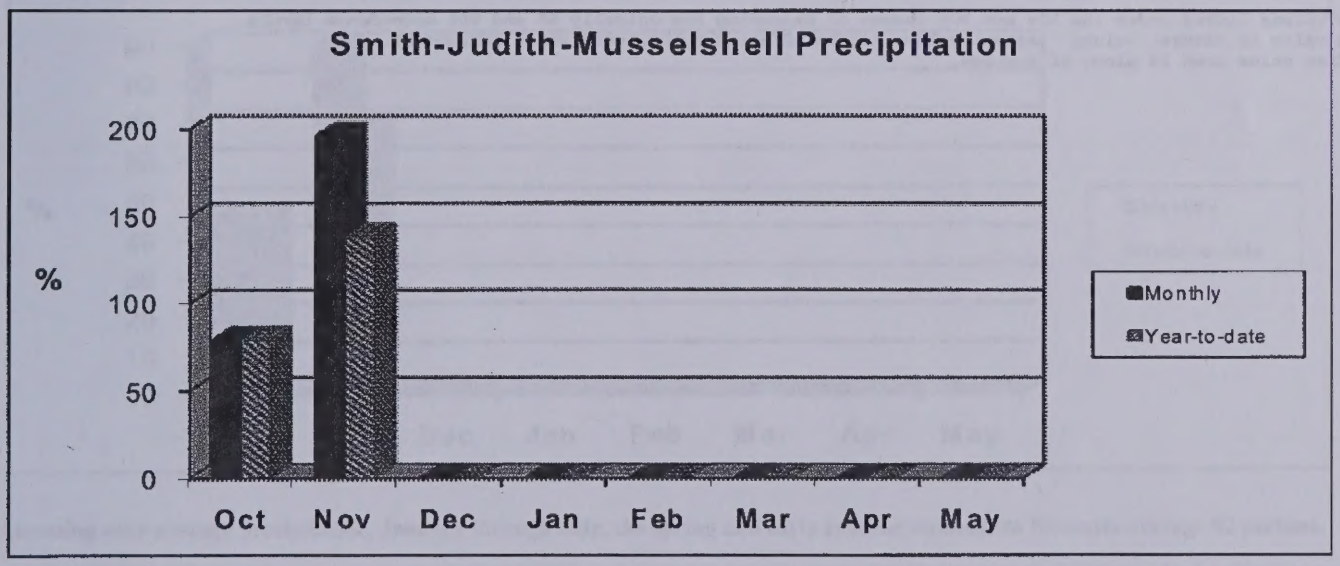
Smith-Judith-Musselshell River Basins

The combined snowpack conditions in the Smith-Judith-Musselshell River Basins were above average. Snow water content in the Smith River Basin was 110 percent of average and 109 percent of last year; in the Judith River Basin was 123 percent of average and 97 percent of last year; and in the Musselshell River Basin was 119 percent of average and 125 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1988; February maximum swe was in 1978 and minimum swe was in 1987; March maximum swe was in 1978 and minimum swe was in 1987 and 2005; April maximum swe was in 1970 and minimum swe was in 1992; and May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1967 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during December in the Smith-Belts was 89 percent of average and 101 percent of last year; in the Judith was 83 percent of average and 112 percent of last year; and in the Musselshell was 186 percent of average and 235 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 122 percent of average and 99 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 97 percent.

Smith River storage was 140 percent of average and 119 percent of last year; Ackley Lake was 125 percent of average and 100 percent of last year; Bair storage was 157 percent of average and 138 percent of last year; Martinsdale storage was 179 percent of average and 97 percent of last year; and Deadman's Basin was 148 percent of average and 190 percent of average.

Surface Water Supply Index (SWSI) was +2.3 in the Smith River; +2.7 in the Upper Judith River; and +1.7 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Sheep Ck nr White Sulphur Springs	APR-JUL	11.0	14.4	16.7	98	19.0	22	17.1
	APR-SEP	13.1	17.0	19.7	99	22	26	20
Smith R bl Eagle Ck (2)	APR-JUL	65	98	120	90	142	175	133
	APR-SEP	72	110	136	91	162	200	149
NF Musselshell R nr Delpine	APR-JUL	1.8	3.5	4.6	100	5.7	7.4	4.6
	APR-SEP	2.2	4.1	5.4	100	6.7	8.6	5.4
SF Musselshell R ab Martinsdale	APR-JUL	13.4	35	50	96	65	87	52
	APR-SEP	15.0	38	54	96	70	93	56
Musselshell R at Harlowton (2)	APR-JUL	14.2	52	77	100	102	140	77
	APR-SEP	14.1	54	81	100	108	148	81
Musselshell R nr Roundup (2)	APR-JUL	39	43	98	99	153	235	99
	APR-SEP	40	45	101	99	157	240	102

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
SMITH RIVER	10.6	8.0	6.7	5.7
ACKLEY LAKE	7.0	4.0	4.0	3.2
BAIR	7.0	5.5	4.0	3.5
MARTINSDALE	23.1	18.1	18.7	10.1
DEADMAN'S BASIN	72.2	65.1	34.3	44.0

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SMITH	6	109	110
HIGHWOOD	0	0	0
JUDITH	4	97	123
MUSSELSHELL	3	125	119
SMITH-JUDITH-MUSSELSHELL	10	108	117

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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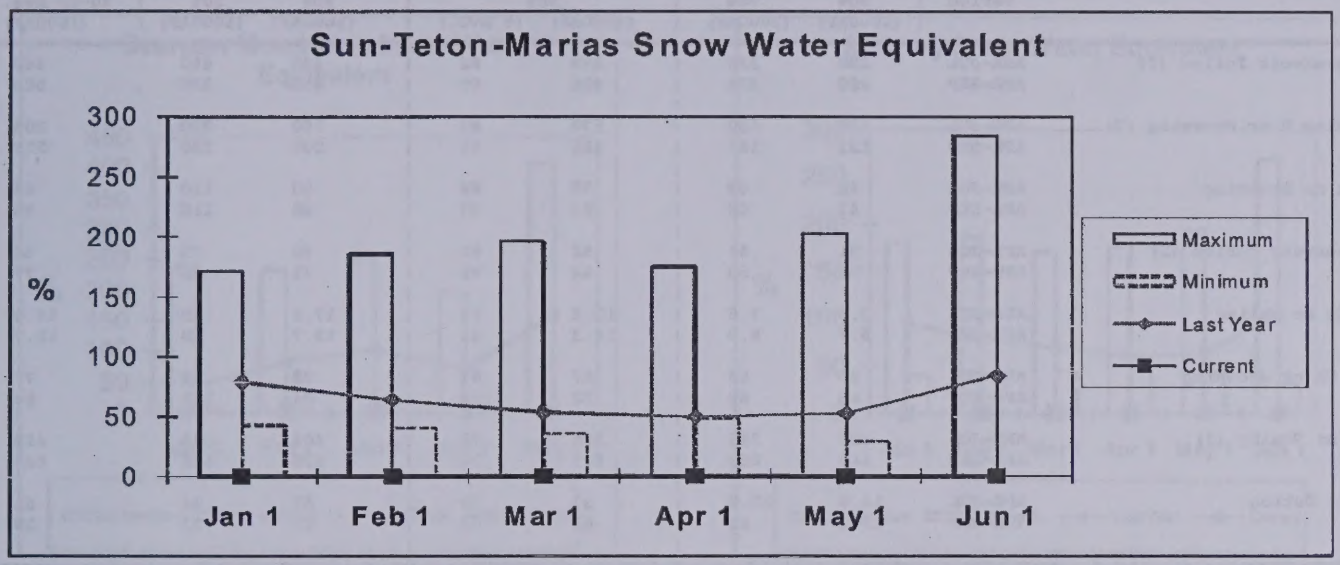
(3) - Median value used in place of average.

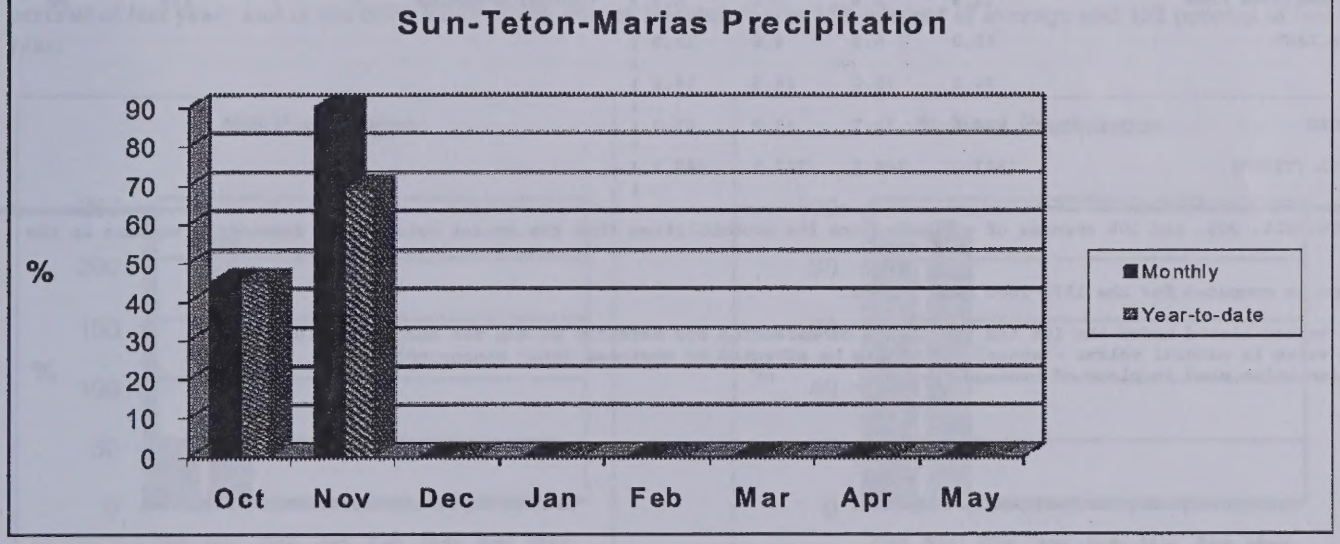
Sun-Teton-Marias River Basins

The combined snowpack conditions for the Sun-Teton-Marias River Basins were below average. Snow water content in the Sun River Basin was 105 percent of average and 132 percent of last year; the Teton River Basin was 96 percent of average and 118 percent of last year; and the Marias River Basin was 84 percent of average and 107 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum was in 1972 and minimum swe was in 1987, 1992, and 1998. Average is for the period 1971 through 2000.

Mountain and valley precipitation during December in the Sun was 124 percent of average and 168 percent of last year; in the Teton was 110 percent of average and 137 percent of last year; and in the Marias was 107 percent of average and 113 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 84 percent of average and 89 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 82 percent.

Gibson storage was 32 percent of average and 94 percent of last year; Pishkun storage was 119 percent of average and 100 percent of last year; Willow Creek storage was 116 percent of average and 101 percent of last year; Lower Two Medicine Lake storage was 41 percent of average and 71 percent of average; Four Horns Lake storage was 81 percent of average and 200 percent of last year; Swift storage was 70 percent of average and 68 percent of last year; Lake Frances storage was 109 percent of average and 166 percent of last year; and Lake Elwell (Tiber) storage was 119 percent of average and 103 percent of last year.

Surface Water Supply Index (SWSI) was -0.8 in the Sun River; +0.4 in the Teton River; -0.4 in the Birch/Dupuyer Creeks; -0.3 in the Marias River above Tiber, and +1.3 in the Marias below Tiber.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Gibson Reservoir Inflow (2)	APR-JUL	250	320	370	80	420	490	460
	APR-SEP	280	355	405	80	455	530	505
Two Medicine R nr Browning (2)	APR-JUL	120	150	170	83	190	220	205
	APR-SEP	131	161	181	84	200	230	215
Badger Ck nr Browning	APR-JUL	42	62	76	88	90	110	86
	APR-SEP	47	68	83	87	98	119	95
Swift Reservoir Inflow (2)	APR-JUL	31	44	52	81	60	73	64
	APR-SEP	39	53	62	81	71	85	77
Dupuyer Ck nr Valier	APR-JUL	5.0	7.6	12.5	89	17.4	25	14.0
	APR-SEP	5.7	8.9	14.3	91	19.7	28	15.7
Cut Bank Ck nr Browning	APR-JUL	40	56	67	87	78	94	77
	APR-SEP	43	60	72	86	84	101	84
Marias R nr Shelby (2)	APR-JUL	127	245	325	78	405	525	415
	APR-SEP	140	260	345	78	430	550	440
Teton R nr Dutton	APR-JUL	14.8	18.0	37	73	56	84	51
	APR-SEP	17.2	23	43	73	63	93	59

SUN-TETON-MARIAS RIVER BASINS
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
GIBSON	99.1	13.5	14.3	42.5
PISHKUN	32.0	21.4	21.4	18.0
WILLOW CREEK	32.2	25.6	25.3	22.0
LOWER TWO MEDICINE LAKE	11.9	3.6	5.1	8.7
FOUR HORNS LAKE	19.2	9.6	4.8	11.8
SWIFT	30.0	10.0	14.6	14.2
LAKE FRANCES	112.0	72.7	43.8	67.0
LAKE ELWELL (TIBER)	1347.0	769.2	747.3	648.1

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SUN	2	132	105
TETON	3	118	96
MARIAS	4	107	84
SUN-TETON-MARIAS	7	114	90

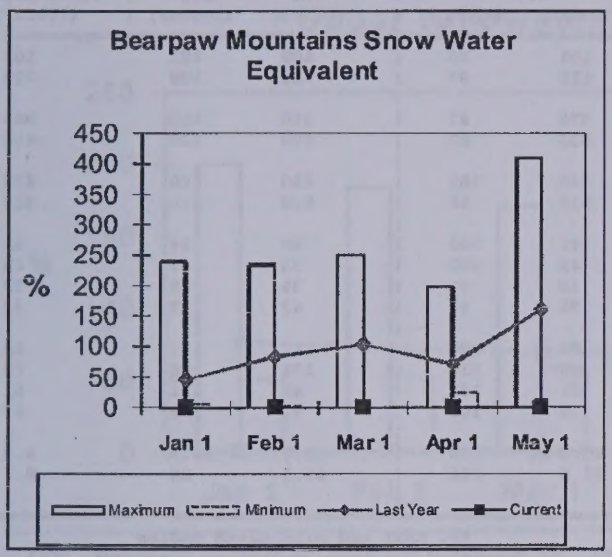
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

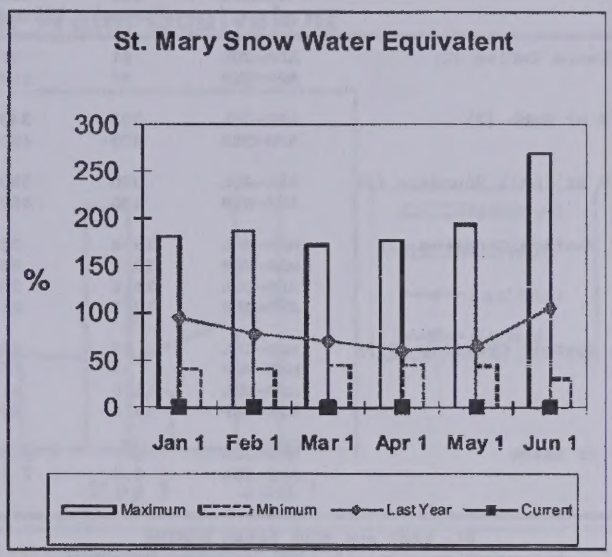
The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

St. Mary and Milk River Basins

The combined snowpack conditions in the St. Mary and Milk River Basins were near average. Snow water content in the Saint Mary River Basin was 94 percent of average and 99 percent of last year. The Milk River Basin (Bearpaw Mountains) was 134 percent of average and 283 percent of last year.

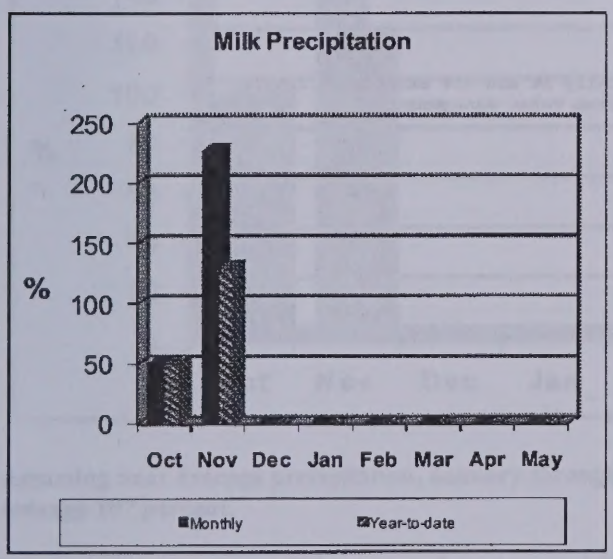


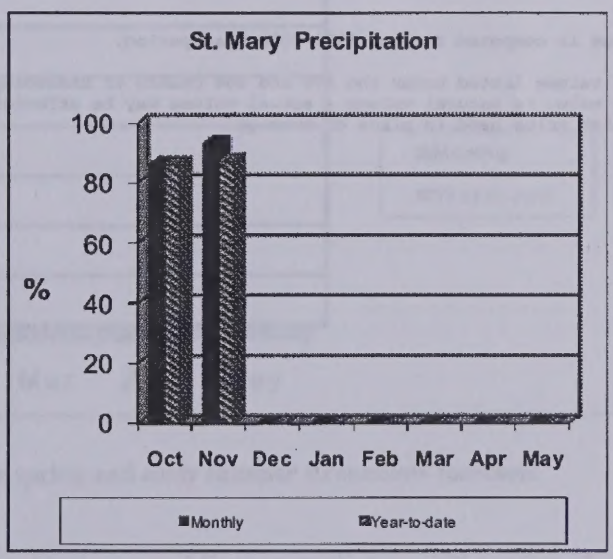


Bearpaw - January maximum swe was established in 1978 and minimum swe was in 1981; February maximum swe was 1978 and minimum was in 1973; March maximum swe was 1978 and minimum swe was 2005; April maximum swe was in 1985 and minimum swe was in 1973, 1983, and 1986; May maximum swe was 1975 and the minimum, 0.0, has occurred in several years. Average is for the period 1971 through 2000.

St. Mary - January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1967 and 1972 and minimum swe was in 2005; May maximum swe was in 19972 and minimum swe was in 1977; and June maximum swe was in 1972 and minimum swe was 1992. Average is for the period 1971 through 2000.

Mountain and valley precipitation in the St. Mary River Basin during December was 88 percent of average and 104 percent of last year; and in the Milk River Basin during December was 159 percent of average and 152 percent of last year.





Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts in the St. Mary average 98 percent. In the Milk the spring and early summer streamflow forecasts average 112 percent.

Lake Sherburne storage was 190 percent of average and 186 percent of last year; Fresno storage was 127 percent of average and 169 percent of last year; Beaver Creek storage was not available; and Nelson storage was 144 percent of average and 110 percent of last year.

Surface Water Supply Index (SWSI) was +1.2 in the St. Mary River and +2.0 for the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Lake Sherburne Inflow (2)	APR-JUL	81	93	101	96	109	121	105
	APR-SEP	98	110	118	97	126	138	122
St. Mary R nr Babb (2)	APR-JUL	295	340	375	97	410	455	385
	APR-SEP	350	400	435	97	470	520	450
St. Mary R at Int'l Boundary (2)	APR-JUL	320	390	440	101	490	560	435
	APR-SEP	390	460	510	99	560	630	515
Milk R at Western Crossing (3)	MAR-JUL	18.4	32	41	100	50	64	41
	MAR-SEP	19.0	33	43	100	53	67	43
	APR-JUL	14.8	25	32	97	39	49	33
	APR-SEP	17.1	28	35	97	42	53	36
Milk R at Eastern Crossing (2,3)	MAR-JUL	23	63	90	108	117	157	83
	MAR-SEP	26	68	96	110	124	166	88
	APR-JUL	11.0	41	61	101	81	111	61
	APR-SEP	18.0	49	70	101	91	122	69
Beaver Ck nr Havre	MAR-JUL	5.7	9.6	12.3	128	15.0	18.9	9.6
	APR-JUL	4.0	7.3	11.0	126	16.5	30	8.7

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE SHERBURNE	64.3	44.7	24.0	23.5
FRESNO	127.0	65.8	39.0	51.8
BEAVER CREEK		NO REPORT		
NELSON	66.8	51.5	46.7	35.7

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	This Year as % of Average
ST. MARY	2	99	94
BEARPAW MOUNTAINS	3	283	134
CYPRESS HILLS, CANADA	0	0	0
MILK RIVER BASIN	3	283	134
ST. MARY & MILK BASINS	5	120	103

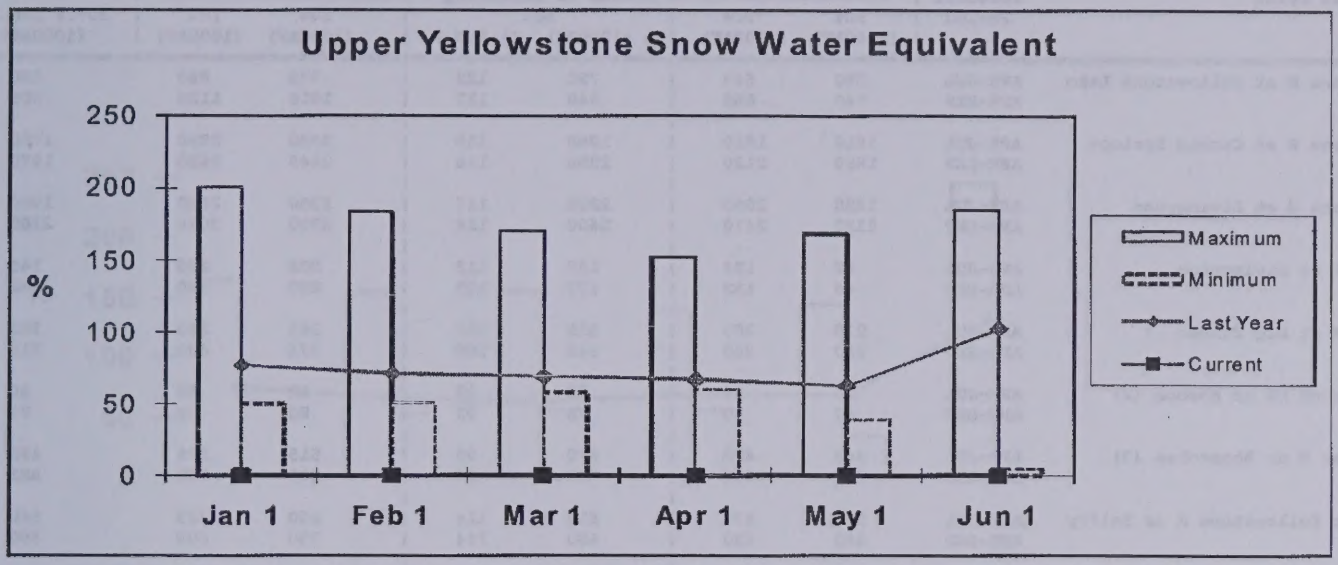
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

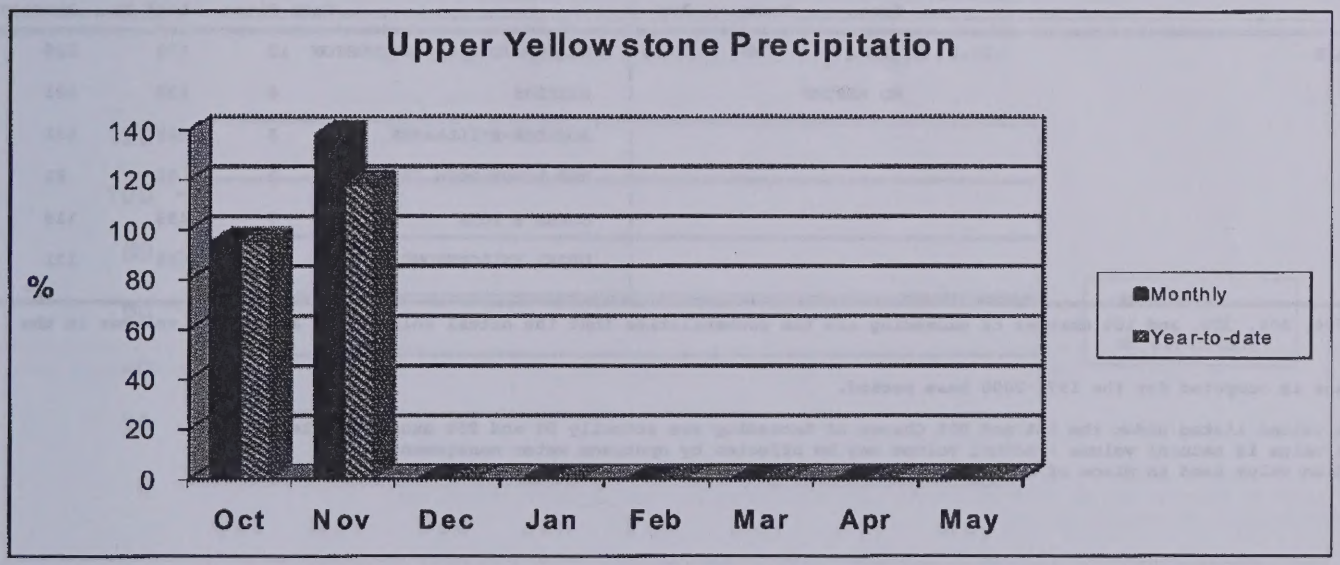
Upper Yellowstone River Basin

Snowpack conditions in the Upper Yellowstone River Basin were above average. Snow water content was 121 percent of average and 156 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1997 and minimum swe was in 2001; April maximum swe was in 1997 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1987; and June maximum swe was 1996 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during December was 120 percent of average and 205 percent of last year. Valley precipitation during December was 102 percent of average and 101 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 118 percent of average and 141 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 107 percent.

Mystic Lake storage was 122 percent of average and 131 percent of last year and Cooney storage was 121 percent of average and 108 percent of last year.

Surface Water Supply Index (SWSI) was +2.0 in the Yellowstone River above Livingston; +2.4 in the Shields River; +2.1 in the Boulder River; +0.6 in the Stillwater River; +0.7 in the Rock/Red Lodge Creeks; +2.1 in the Clarks Fork River; and +1.8 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Yellowstone R at Yellowstone Lake	APR-JUL	580	665	720	122	775	860	590
	APR-SEP	760	865	940	117	1010	1120	805
Yellowstone R at Corwin Springs	APR-JUL	1610	1810	1950	118	2090	2290	1650
	APR-SEP	1880	2120	2280	116	2440	2680	1970
Yellowstone R at Livingston	APR-JUL	1820	2060	2220	117	2380	2620	1900
	APR-SEP	2130	2410	2600	114	2790	3070	2280
Shields R nr Livingston	APR-JUL	62	122	163	112	205	265	145
	APR-SEP	66	132	177	109	220	290	162
Boulder R at Big Timber	APR-JUL	235	285	315	111	345	395	285
	APR-SEP	250	305	340	108	375	430	315
West Rosebud Ck nr Roscoe (2)	APR-JUL	48	54	58	97	62	68	60
	APR-SEP	62	70	75	97	80	88	77
Stillwater R nr Absarokee (2)	APR-JUL	365	425	470	95	515	575	495
	APR-SEP	430	505	555	95	605	680	585
Clarks Fk Yellowstone R nr Belfry	APR-JUL	505	570	615	114	660	725	540
	APR-SEP	560	630	680	114	730	800	595
Cooney Reservoir Inflow (2)	APR-JUL	17.1	29	37	79	45	57	47
	APR-SEP	26	38	47	83	56	68	57
Yellowstone R at Billings	APR-JUL	3020	3500	3830	109	4160	4640	3510
	APR-SEP	3400	4100	4480	109	4860	5560	4120

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MYSTIC LAKE	21.0	11.3	8.6	9.3
COONEY		NO REPORT		

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
YELLOWSTONE ab LIVINGSTON	13	170	126
SHIELDS	4	138	121
BOULDER-STILLWATER	3	145	121
RED LODGE-ROCK CREEK	2	81	81
CLARK'S FORK	7	155	118
UPPER YELLOWSTONE BASIN	25	156	121

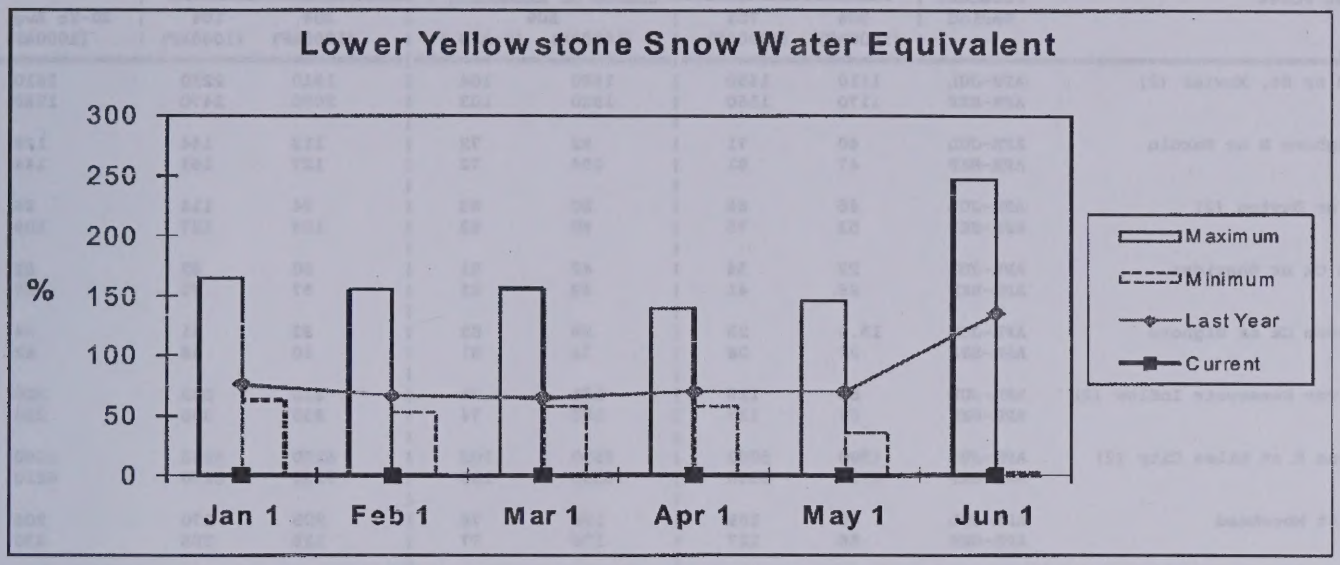
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

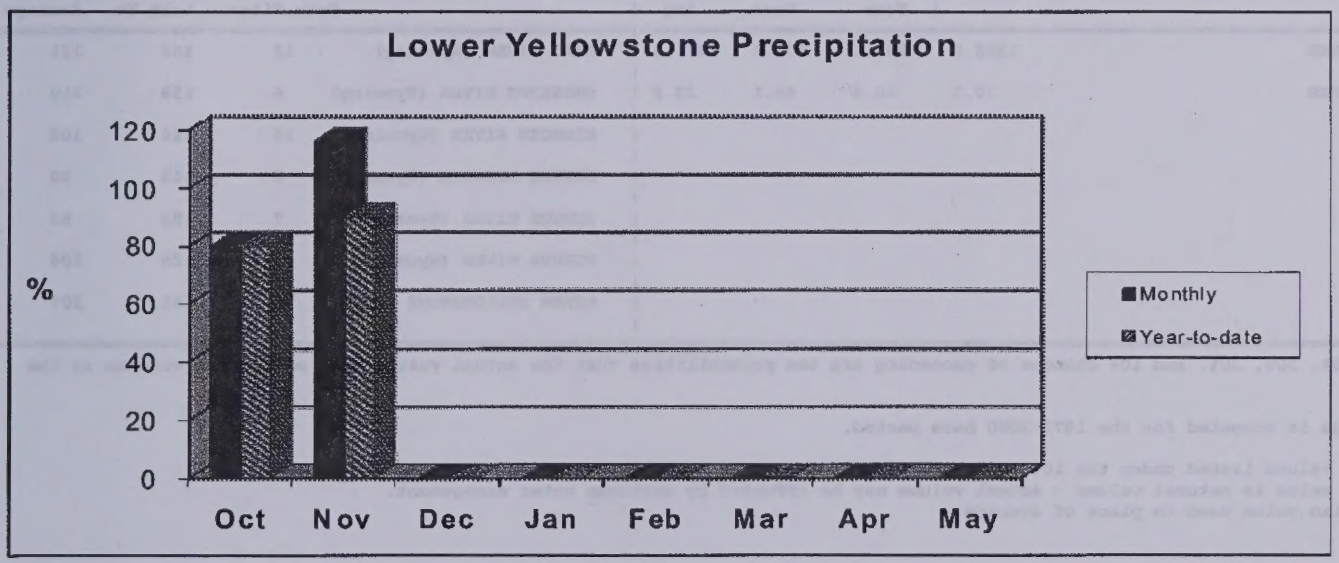
Lower Yellowstone River Basin

Snowpack conditions in the Lower Yellowstone River Basin were above average. Snow water content was 107 percent of average and 141 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 2000; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1986 and minimum swe was in 2001; April maximum swe was in 1986 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1981; and June maximum swe was in 1995 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during December was 120 percent of average and 166 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2010, was 99 percent of average and 116 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 86 percent.

Bighorn Lake storage was 98 percent of average and 92 percent of last year and Tongue River storage was 226 percent of average and 106 percent of last year.

Surface Water Supply Index (SWSI) was +0.5 in the Bighorn River below Bighorn Lake; -0.5 in the Little Bighorn River; +1.2 in the Yellowstone River below Bighorn River; -0.6 in the Tongue River; and -0.3 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - January 1, 2011

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Bighorn R nr St. Xavier (2)	APR-JUL	1110	1450	1680	104	1910	2250	1610
	APR-SEP	1170	1560	1820	103	2080	2470	1760
Little Bighorn R nr Hardin	APR-JUL	40	71	92	72	113	144	128
	APR-SEP	47	81	104	72	127	161	144
Tongue R nr Dayton (2)	APR-JUL	46	66	80	83	94	114	96
	APR-SEP	53	75	90	83	105	127	109
Big Goose Ck nr Sheridan	APR-JUL	22	34	42	81	50	62	52
	APR-SEP	28	41	49	82	57	70	60
Little Goose Ck nr Bighorn	APR-JUL	15.0	23	28	82	33	41	34
	APR-SEP	20	28	34	81	40	48	42
Tongue River Reservoir Inflow (2)	APR-JUL	59	126	171	78	215	285	220
	APR-SEP	67	137	185	74	235	305	250
Yellowstone R at Miles City (2)	APR-JUL	4300	5090	5630	105	6170	6960	5360
	APR-SEP	4930	5940	6550	106	7160	8170	6210
Powder R at Moorhead	APR-JUL	40	109	156	76	205	270	205
	APR-SEP	56	127	176	77	225	295	230
Powder R nr Locate	APR-JUL	35	119	176	75	235	315	235
	APR-SEP	45	136	197	76	260	350	260
Yellowstone R nr Sidney (2)	APR-JUL	4410	5270	5860	107	6450	7310	5480
	APR-SEP	5110	6050	6750	108	7450	8390	6280

LOWER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BIGHORN LAKE	1356.0	891.1	971.0	911.1
TONGUE RIVER	79.1	50.9	48.1	22.5

LOWER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - January 1, 2011

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WIND RIVER (Wyoming)	12	154	121
SHOSHONE RIVER (Wyoming)	6	159	110
BIGHORN RIVER (Wyoming)	16	146	106
LITTLE BIGHORN (Wyoming)	2	115	90
TONGUE RIVER (Wyoming)	7	103	83
POWDER RIVER (Wyoming)	6	125	106
LOWER YELLOWSTONE BASIN (	31	141	107

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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(3) - Median value used in place of average.

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Montana
Water Supply Outlook
Report

Natural Resources Conservation Service
Bozeman, MT